



1989 SUMMER BULLETIN

Appalachian
STATE UNIVERSITY

Table of Contents

Message from the Director	1
General Information	2
Calendar of Important Dates & Registration Information	4
Academic Information	8
Summer Expenses	9
Student Services & Facilities	12
Departmental Directory	16
Housing Information	17
Graduate Statement	20
Appalachian Summer	21
Conferences and Institutes	22
International Studies Abroad	23
Course Schedules & Descriptions	24
Application	98
Campus Map	Inside back cover

Photos by Mike Rominger and John George
Layout and design by Appalachian State University Media Services

Appalachian State University is committed to equality of educational opportunity and does not discriminate against applicants, students or employees based on race, color, national origin, religion, sex, age or handicap. Moreover, Appalachian State University is open to people of all races and actively seeks to promote racial integration by recruiting and enrolling a larger number of black students.

7,800 copies of this public document were printed at a cost of \$8,531.00, or \$1.09 per copy.

A 930019
Summer School office
February 3, 1993

ABOVE ALL, APPALACHIAN STATE UNIVERSITY...



Above all, Appalachian State University should be in your plans for the summer of 1989. As a traditional student, non-traditional student or a student attending for personal enrichment, Appalachian has something for you.

Undergraduate and graduate students can choose from well-balanced, broadly-based curricular offerings leading toward degrees in almost all areas of study. Students can plan their schedule without the worry of course cancellations. All residential courses advertised in the summer bulletin are guaranteed.

Non-traditional programs offer opportunities for all ages. Programs for youth in athletics, cheerleading, and special programs for the gifted and talented; and programs in music, drama, art, bridge, and Elderhostel for the older student.

Appalachian's season-long festival, "An Appalachian Summer," offers cultural opportunities for everyone. The festival will host such programs as the North Carolina Symphony, special Smithsonian workshops and art exhibits; Cannon Music Camp; plus a variety of other entertainment.

I invite you to experience a summer at Appalachian while enjoying the beautiful Blue Ridge Mountains.

H. Milton Parker

Director of Summer Sessions

General Information



The University

Appalachian State University, founded in 1899 as Watauga Academy, is located in Boone, North Carolina, in the heart of the Blue Ridge of the Appalachian mountains, close to the borders of Virginia and Tennessee and less than two hours from the region's major airport and population centers.

Growing steadily through its transformation as Appalachian State Normal School in 1925 to Appalachian State Teachers' College in 1929 to Appalachian State University in 1967 and a part of the consolidated University of North Carolina in 1971, the campus has come to occupy some 48 buildings on its 75-acre main campus as well as several new buildings on the new 180-acre west

campus. The University has a master plan for an enrollment of 10,000 students with future expansion concentrated on some 330 acres of outlying land owned by the University.

The Summer Sessions

The summer instructional program is an integral part of the year round program at Appalachian State University. The university operates on a semester system during the spring and fall. The principal terms of summer are a five-and four-week term, plus two-and three-week terms which fall within the ten-week time frame.

The academic program of the summer session is supplemented by many cultural events, including musical events, local attractions and recreational opportunities in the surrounding areas.

1989 Summer Sessions Calendar

Summer Semester
May 29 - August 11

1st 5-Week Term
May 29 - June 30

4-Week Term
June 12 - July 7

1st 3-Week Term
June 19 - July 7

1st 2 - Week Term
June 26 - July 7

2nd 5-Week Term
July 10 - August 11

2nd 3 - Week Term
July 10 - July 28

2nd 2 - Week Term
July 10 - July 21

Admission to Summer School

Applying for Summer School

Appalachian's policy for undergraduates regarding summer attendance is as follows:

1) Undergraduates who have previously been denied admission to undergraduate school must contact the Director of Admissions regarding possible entrance into summer school. 2) Undergraduates dismissed from the university for medical or disciplinary reasons must contact the Director of Student Affairs for clearance to attend summer school. Graduate students are subject to the same eligibility restrictions in the summer as they are in the academic year.

Students enrolled during the spring semester, 1989 will be given the opportunity to pre-register (see "Calendar of Important Dates".) Those who do not pre-register will have registration materials automatically

4 *Important Dates & Registration Information*

prepared for them, and will be available on the days of registration.

All persons not currently enrolled at Appalachian must complete the enclosed Summer Sessions application and submit it to the Office of Summer Sessions.

Persons wishing to enter the University for the first time to begin work on an undergraduate degree, and persons transferring to Appalachian from another institution must be accepted by the Admissions Office.

Graduate students wishing to earn credit toward any graduate degree should file an application to Graduate School (if not previously accepted.) Graduate applications are available from the Dean of Graduate School.

Any person who has not attended Appalachian before must forward a \$15.00 **non-refundable** fee with the summer application.

Calendar of Important Dates & Registration Information

Early Registration for the First-Half of Summer School

Registration during this period is only for academic terms that begin on May 29, June 12, June 19, and June 26.

Students should report to the Registration Center Room **124** of I.G. Greer Hall, between the hours of 8:30 AM and 4:30 PM, according to the following schedule:

Graduate Students and Seniors	March 13
Juniors	March 14
Sophomores	March 15
Freshmen and Special Students	March 16

A class schedule and a billing statement will be distributed through the ASU Post Office box on or about March 20.

The schedule adjustment period for the first half of summer is May 1-3 in the Registrar's Office.

The last day to pre-pay for the first-half of summer school is May 11. If payment is not received by that date the early registration will be cancelled.

A confirmation copy of the class schedule and a validated receipt will be distributed through the ASU Post Office box on or about May 26.

Summer Semester **May 29 through August 11**

- May 29** Registration in room 124 of I.G. Greer Hall according to the following schedule:
- Graduate Students and Seniors 8:30 AM – 10:00 AM
Juniors 10:00 AM – Noon
Sophomores Noon – 2:00 PM
Freshmen and Special Students 2:00 PM – 4:30 PM
- May 30** Classes begin; “Drop-Add” begins in the Registrar’s Office
- May 31** “Drop-Add” ends; last day to add a course or change the section of a course;
last day to drop a course and be eligible for a refund.
- June 23** Last day to drop a Summer Semester course without academic penalty.
- August 11** Final examinations for the Summer Semester.

First Five-Week Term **May 29 through June 30**

- May 29** Registration in room 124 I.G. Greer Hall, according to the following schedule:
- Graduate Student and Seniors 8:30 AM - 10:00 AM
Juniors 10:00 AM - Noon
Sophomore Noon - 2:00 PM
Freshmen and Special Students 2:00 PM - 4:30 PM
- May 30** Classes begin; “Drop-Add” begins in the Registrar’s Office.
- May 31** Drop-Add ends, last day to add a course or change the section of a course; **last day to drop a course and be eligible for a refund.**
- June 9** **Last day to drop a First Five-Week course without academic penalty.**
- June 30** Final examinations for the First Five-Week term.

Four-Week Term **June 12 Through July 7**

- June 12** Registration in room 124 of I. G. Greer Hall, between the hours of 8:30 AM and 4:30 PM.
- June 13** Classes begin; “Drop-Add” begins in the Registrar’s Office.
- June 14** “Drop-Add” ends; last day to add a course or change the section of a course;
last day to drop a course and be eligible for a refund.
- June 21** **Last day to drop a Four-Week course without academic penalty.**
- July 7** Final examinations for the Four-Week term.

**Early Registration for the
Second Half of Summer School**

Registration during this period is only for the academic terms that begin on July 10. Students should report to the Registration Center room 124 of I.G. Greer Hall between the hours of 8:30 AM and 4:30 PM, according to the following schedule:

Graduate Students and Seniors	June 19
Juniors	June 20
Sophomores	June 21
Freshmen and Special Students	June 22

A class schedule and a billing statement will be distributed through the ASU Post Office box on or about June 26.

The last day to pre-pay for the second-half of summer school is June 30. If payment is not received by that date, the early registration will be cancelled.

A confirmation copy of the class schedule and a validated receipt will be distributed through the ASU Post Office box on or about July 7.

**Second Five-Week Term
July 10 through August 11**

July 10	Registration in room 124 of I.G. Greer Hall, according to the following schedule: Graduate Students and Seniors 8:30 AM – 10:00 AM Juniors 10:00 AM – Noon Sophomores Noon – 2:00 PM Freshmen and Special Students 2:00 PM – 4:30 PM
July 11	Classes begin; “Drop-Add” begins in the Registrar’s Office.
July 12	“Drop-Add” ends; last day to add a course or change the section of a course; last day to drop a course and be eligible for a refund.
July 21	Last day to drop a Second Five-Week course without academic penalty.
August 11	Final examinations for the Second Five-Week term.

Registration for Two-Week and Three-Week Terms

June 19	First Three-Week term (in Registrar’s Office.)
June 26	First Two-Week term (in Registrar’s Office)
July 10	Second Two-Week term and Second Three-Week term (in room 124 of I.G. Greer Hall.)

Policy on Course Changes

Changes and additions to this schedule will be made available on registration days.

Drop-Add

To add a course, a student must process a drop-add form at the Registrar's Office. After the close of Drop-Add (normally the first two days of classes for a summer term), a student may not add a course or change the section of a course.

To drop a course, a student must process a drop-add form at the Registrar's Office.

Auditing

Students who wish to audit a course must 1) obtain the instructor's permission, and 2) be regular in attendance. A "Permission to Audit" form is available in the Registrar's Office. It must be completed and returned to the Registrar's Office by no later than the last day to drop the course with no academic penalty (see "Calendar of Important Dates").

Pass-Fail

The **Pass-Fail** option may only be taken by a full-time undergraduate student. During the summer only one course can be taken on Pass-Fail. To place a course on Pass-Fail, contact the Registrar's Office during the registration period.

Day Students

Day students pay all regular expenses except subsistence fees.

Graduating Students

Undergraduate students who intend to graduate at the end of summer 1989, must file an application for graduation (and an application for teacher certification, if applicable) at the Registrar's Office **by no later than Wednesday, July 12.**

Graduate students who intend to graduate at the end of summer, 1989 must file an application for graduation with the Graduate School **by no later than Wednesday, July 12.**

Academic Information



Academic Load

An undergraduate student may take a maximum of 12 semester hours during the summer semester, and a maximum of 6 semester hours during a 4 or 5-week term. No more than one short-term course may be taken during a single period. *Any student who registers for an overload without permission of his/her dean will be required to drop the excess hours without credit. After the close of registration, no refund of tuition or fees will be made when a person is required to drop excess hours taken without permission.*

5000-Level Courses for Undergraduate Students

Classes numbered 5000 and above are graduate-level classes and are reserved for graduate students; however, undergraduate students with *Senior standing* and cumulative GPA of 3.0 + may be permitted to enroll in classes numbered 5000 or above in some instances. Seniors who wish to enroll in courses at this level must receive permission from the course instructor, the departmental chairperson, and the Dean of the Graduate School *before* registering for the course. *Any undergraduate student who registers for a 5000-level course without permission will be required to drop the course. After the close of registration, no refunds of tuition or fees will be made when a person is required to drop a course taken without permission.*

The maximum load for a graduate student during a 4-or 5-week term is 6 semester hours, and total credit earned during the summer terms is limited to 12 semester hours. No more than one short-term course may be taken during a single period. Any exception in excess of this limit must be approved by the Dean of the Graduate School *before* registering for the overload. *Any student who registers for an overload without permission of his/her dean will be required to drop the excess hours. After the close of registration,*

no refund of tuition or fees will be made when a person is required to drop excess hours taken without permission.

Residence Status for Tuition Purposes

University policy on residence status for tuition purposes is stated in the General Catalog. Any student or prospective student in doubt concerning his or her residence status is directed to consult that publication or to contact the Registrar's Office.

Visiting Students

A person enrolled at another post-secondary institution who wishes to attend Appalachian to earn credit to be transferred to his/her home school must submit a letter from that institution stating that the credit earned at Appalachian will be accepted for transfer.

Academic Policies

The Summer Sessions at Appalachian are operated under the same academic policies that govern the regular academic year. Students are responsible for policies and procedures as set forth in the General Catalog. This publication is available, and should be used for reference.

Summer Expenses

Fees are charged by the term and are due and payable no later than the time of registration. The university reserves the right to change, add and delete fees.

Before taking final examination at the close of the term, a student is expected to settle all accounts. A student may not register for a new term until all charges have been paid or arranged for. A student cannot receive a degree, certificate, or transcript of credit until all accounts except current loans have been paid.

Tuition and Fees

In the summer, tuition is charged on a per semester hour basis. These charges are based on course level for undergraduate and graduate courses. Courses numbered (0000-4999) are charged at the undergraduate rates, courses numbered (5000 and above) are charged at the graduate rate. There is both an in-state and out-of-state rate as follows:

Tuition

Cr. Hrs. Enrolled	In-State Undergraduate	In-State Graduate	Out-of-State Undergraduate	Out-of-State Graduate
1	\$ 40.00	\$ 55.00	\$ 155.00	\$ 175.00
2	80.00	110.00	310.00	350.00
3	120.00	165.00	465.00	525.00
4	160.00	220.00	620.00	700.00
5	200.00	275.00	775.00	875.00
6	240.00	330.00	930.00	1,050.00
7	280.00	385.00	1,085.00	1,225.00
8	320.00	440.00	1,240.00	1,400.00
9	360.00	495.00	1,395.00	1,575.00
10	400.00	550.00	1,550.00	1,750.00
11	440.00	605.00	1,705.00	1,925.00
12	480.00	660.00	1,860.00	2,100.00

Fees

0-2 hours	\$19.50 per term
3 hours and above	\$35.00 per term

Refund Policy

Reduction of Class Load

A tuition refund of sixty percent (60%) will be made upon application if a student reduces his or her class load prior to the close of Drop-Add (*The first two days of classes in an academic term*) for the academic term in which the dropped class is offered.

Withdrawal From The University

University Policy on Refund of Tuition and Subsistence Fees

Term	Withdraw Date	Amount of Refund
First 5-week term	May 29-May 31	60%
	June 1-2	40%
	June 5-6	20%
4-week term	June 12-14	60%
	June 15-16	40%
	June 19-20	20%
Second 5-week term	July 10-12	60%
	July 13-14	40%
	July 17-18	20%
Summer Semester	May 29-May 31	60%
	June 1-7	40%
	June 8-15	20%

1, 2, and 3-week terms: 60% if dropped by the end of registration day.

Subsistence

A subsistence fee will be charged all residence hall occupants attending terms of 4-weeks or longer. This fee includes housing with telephone for local service and minimum board. Additional meal credits may be purchased at any time. Prorated subsistence will be charged for late room assignments.

Term	Semi-Private Room	Private Room
10-Week Term	* \$607	* \$786
5-Week Term	** 304	** 394
4-Week Term	*** 243	*** 315

* Includes \$250.00 required board

** Includes \$125.00 required board

*** Includes \$100.00 required board

Short-Term Residence Hall Occupancy

Term	Semi-Private Room	Private Room
3-Week Term	\$123	\$174
2-Week Term	82	116
1-Week Term	41	58

Meals are purchased *a la carte*. Reservations made in advance by paying for full housing charge. Cost includes weekly linens. Local phone service is provided. Toll service is optional and available from phone company.

Special Housing

Weekend Workshop Housing in Standard Residence Hall:

Each night—cost \$9.95 (semi-private); \$12.50 (private).

Must request special housing form; must be pre-registered. Cost includes bed and bath linen bundle; phone with local service.

Mountaineer Apartments

Mountaineer Apartments when available are subject to the following rates which include utilities, local phone service and cable.

	Monthly	Weekly
Efficiency	\$245	\$ 75
One Bedroom	295	90
Two Bedroom	350	110

Special Fees and Service Charges

Late Payment of Tuition and Fees

A student who does not complete registration on the announced registration date	\$20.00
Special Examination	\$20.00

Internship Fee

For all internships and practica excluding those in the College of Business there is a \$3.00 per semester hour fee. This amount in addition to normal summer school tuition rates is due and payable on the day which the student registers. (Students in the College of Business should see the internship coordinator for specific instructions regarding internship fees.)

Applied Music Fee

\$18.00 per semester hour. You will be billed after first class meeting.

Computer Users Service Charge

A charge of \$20.00 per term is levied on all ASU students who have a computer users identification number. Students will be notified at the first class meeting as to whether use of the computer will be required for the class.

Student Services and Facilities

Financial Aid

Summer School students may be considered for financial assistance if they meet the requirements of the Students Financial Aid Office pertaining to continuing students. Further information eligibility and an application may be obtained from the Student Financial Aid Office. The financial aid program is designed to meet the needs of students who would otherwise be unable to attend Appalachian State University.

Types of Aid

Two principal types of aid are available during the summer: (1) Loans, usually long-term and low interest, to be repaid after the student leaves college; (2) Employment, often in work related to the student's field of study. Application forms are available from the Student Financial Aid Office and must be submitted by March 15. Students may also apply for a Guaranteed Student Loan which requires a separate application in addition to the Financial Aid Form (FAF). It is possible for a "Summer Only" student to receive a Guaranteed Student Loan if the student is enrolled or accepted for enrollment in a degree or certification granting program.

Aid for Graduate Students

A limited number of graduate assistantships are available in the summer. For information on stipend levels and availability, graduate students should contact the Graduate School. Graduate students may also apply for a Guaranteed Student Loan and Student Temporary Work through the Student Financial Aid Office.

Health Services

Medical services are provided to the students by the Mary S. Shook Student Health Services at their location on the second floor of the Student Support Building on

Howard Street. A registered nurse is on duty 24 hours each day, when the University is in session, and physicians are present from 8:00 a.m. to 4:00 p.m., Monday through Friday. *North Carolina law requires a record of immunizations for every student enrolled in a North Carolina collegiate institution. If you are a new student (one who has never attended Appalachian), the appropriate medical forms will be sent with the acceptance letter. If you are a returning ASU student, please contact Appalachian's Student Health Services (telephone number 704 262-3100) to determine that a record of immunization is on file. If it is not, ask that the appropriate medical form be forwarded.* Only students actually registered and taking courses are eligible for care at the Health Services. In addition, students must present a current validated I.D. card before each visit for treatment.

Persons requiring the services of a physician outside of regular out-patient clinic hours or those needing a type of service not available at the Health Services may be referred to off-campus physicians or to the Watauga County Hospital. In such cases the student will be expected to assume responsibility for any cost thus engendered.

There is no additional charge for most of the services provided at the Mary S. Shook Student Health Services. Students not having hospital insurance and needing coverage may obtain information concerning this from the reception desk at the entrance to the Health Services.

Counseling and Psychological Services

The Counseling and Psychological Services Center offers a wide variety of therapeutic and educational programs for currently enrolled ASU students. These services include individual and group counseling, testing, stress management, career counseling, and consultation. The Center also maintains an Employee Assistance Program for staff, faculty, and their immediate fami-

lies. All contacts at the Counseling and Psychological Services Center are confidential.

Student Identification Cards

Students who wish to obtain an Identification card may do so by presenting a validated receipt at the Identification Card Center located in Welborn Hall (cafeteria). Hours of operation are between 8:00 a.m and 5:00 p.m. Monday through Friday. The identification card also serves as the meal card. There is no charge for this service for first semester Freshmen or Transfer students.

Returning students who have lost or damaged cards should report to the Identification Center. Validation of enrollment status and meal plan are automatically updated if fees are paid by the published deadline. A charge will be made for replacing an identification card.

Automobile Regulations

Students bringing automobiles to ASU during the summer must register their vehicles with the Campus Security Department. A fee is charged for this registration. Vehicles registered for the 1988-89 academic year do not need to be registered for the summer.

The Security Department will be available to register vehicles during the registration process the first day of each term. Students will receive a copy of the University traffic regulations and parking information at this time.

University Bookstore

Located next to Plemmons Student Union, the University bookstore offers a wide variety of merchandise and services. The general departments of textbooks, paperbacks, merchandise and sporting goods are on separate levels of the store. A full service bank is in the lobby area. Cap and gown purchase and rental are available through

the Bookstore. In addition, the store is responsible for all vending on campus. All textbooks are purchased in the summer and rented during the regular academic year.

Food Services

All residence hall students registered for 4-weeks or longer are required to participate in the food plan. Requirements will be prorated for late room assignments. The board fee represents the minimum food service requirements. The food plan may be increased during the term at the Identification Center (Welborn Hall) during regular office hours.

New students may obtain identification/meal cards at the Identification Center on registration day. Students who have paid fees by the published deadline have their cards automatically validated.

Convenient hours of operation are posted at the food services units which operate in the summer.

Office of Career Planning and Employment

ASU operates a comprehensive career planning and employment program for students and alumni. The office provides career counseling, career information, assistance with resume writing, interviewing skills and job search techniques. A campus recruitment, employer information and a credential program are also provided. In addition, the office provides a student employment program for students who are seeking part-time employment while attending ASU.

Postal and Banking Service

A United States Post Office Contract Station is maintained by Appalachain in the Student Support Building. A mailbox is provided for every student. The student's university mailbox address is used by the

university for communicating with each student. For this reason, students are responsible for checking their university mailboxes frequently.

Convenient banking services are located in the lobby of the University Bookstore.

ASU Child Care Center

ASU Child Care Center offers quality child care to ASU students, faculty, and staff. Children, ages 3 months to 5 years, are accepted on a regular, part-time basis. The Center operates according to the University class schedule and is usually open from 7:45 until 5:15. Contact the ASU Child Care Center for further information at **704/262-2116 or 711 Rivers Street, Boone, NC 28608.**

Library Resources at Appalachian

At the center of the campus and of academic life at Appalachian is the Carol Grotnes Belk Library, which houses on open stacks nearly 450,000 volumes, some 110,000 government documents, and over 350,000 units of microform. Approximately 4,000 periodical subscriptions are received, including the major titles in the subject fields.

The library maintains subscriptions to more than 63 local, national, and foreign newspapers. Attractive areas for general reading are provided on all three levels of the library as well as study areas, lecture rooms, and a smoking lounge. A 24-hour study room is available most of the time.

Among the special collections are the Music Library, located in the Broyhill Music Center and the W.L. Eury Appalachian Regional Collection, containing materials (books, tapes, pictures, artifacts) primarily concerned with the Appalachian region and housed in University Hall.

The Library is open approximately 95 hours per week. The hours are posted at the Library entrance. A currently valid identification card is required for all check-outs.

Media Services

The Media Services Center is located on the ground floor of Belk Library. The standard recording and projection equipment can be checked out by persons holding a currently valid university identification card. Also, production of print visual and audio material for education use, advice on the selection and the use of equipment, and consultation on materials design may be obtained in the Media Services Center.

Plemmons Student Union

1ST Floor Hours of Operation

7:00 am - 10:00 pm Monday through Friday

9:00 am - 10:00 pm Saturday

10:00 am - 10:00 pm Sunday

Bowling Alley/Game Room

8:00 am - 11:00 pm Monday through Friday

12:00 noon - 11:00 pm Saturday and Sunday

Quinn Recreation Center***Weight Room Hours of Operation***

12:00 noon - 9:00 pm Monday through Thursday

12:00 noon - 7:00 pm Friday

12:00 noon - 4:00 pm Saturday

1:00 pm - 9:00 pm Sunday

Aerobics

12:00 noon – Monday through Friday

5:30 pm – Monday through Thursday

7:00 pm – Sunday

Swimming Pool (Broome-Kirk Gym)***Hours of Operation***

12:00 noon - 1:00 pm Monday through Friday – Lap Swim

5:00 pm - 6:00 pm Monday through Thursday – Lap Swim

6:00 pm - 8:00 pm Monday through Thursday – Recreation Swim

12:00 noon - 1:30 pm Saturday – Recreation Swim

Hours and Telephone Numbers

Admissions	8:00 a.m. - 5:00 p.m. (Mon.-Fri.)	262-2120
Cashiers	8:30 a.m. - 4:00 p.m. (Mon.-Fri.)	262-2113
Counseling Services	8:00 a.m. - 5:00 p.m. (Mon.-Fri.)	262-3180
Financial Aid	8:00 a.m. - 5:00 p.m. (Mon.-Fri.)	262-2190
Food Service	Variable, see schedule as posted	262-3160
Graduate School	8:00 a.m. - 5:00 p.m. (Mon.-Fri.)	262-2130
Infirmary	Twenty four hour service	262-3100
Library	Variable, see schedule as posted	262-2186
Loans & Scholarships	8:30 a.m. - 4:00 p.m. (Mon.-Fri.)	262-6410
Registrar	8:00 a.m. - 5:00 p.m. (Mon.-Fri.)	262-2050
Residence Life (housing)	8:00 a.m. - 5:00 p.m. (Mon.-Fri.)	262-2160
Security	Twenty four hour service	262-2150
Summer School	8:00 a.m. - 5:00 p.m. (Mon.-Fri.)	262-3154

ASU Departmental Directory

Department	Chairperson	Phone Number
<i>College of Arts & Sciences</i>		
Anthropology	Dr. Pat Beaver	262-2295
Biology	Dr. Jeffrey Butts	262-3025
Chemistry	Dr. Larry Brown	262-3010
English	Dr. Loyd Hilton	262-3098
Foreign Languages	Dr. Hector Romero	262-3095
Geography and Planning	Dr. Neal Lineback	262-3000
Geology	Dr. Fred Webb	262-2166
History	Dr. George Antone	262-2284
Mathematical Sciences	Dr. William Paul	262-3050
Philosophy/Religion	Dr. Alan Hauser	262-3089
Physics/Astronomy	Dr. Karl Mamola	262-3090
Political Science/Criminal Justice	Dr. Joel Thompson	262-3085
Psychology	Dr. Verne Bacharach	262-2297
Sociology	Dr. Faye Sawyer	262-2293
<i>College of Business</i>		
Accounting	Dr. Ray Larson	262-2036
Decision Sciences	Dr. Kathy Fitzpatrick	262-2034
Economics	Dr. Larry Ellis	262-2148
Finance, Insurance & Real Estate	Dr. Harry Davis	262-4030
Management	Dr. Daniel Worrell	262-2163
Marketing	Dr. Ron King	262-2145
<i>College of Education</i>		
Curriculum & Instruction	Dr. Kenneth McEwin	262-2224
Human Development & Psychological Counseling	Dr. Leroy Baruth	262-2055
Language, Reading, & Exceptionalities	Dr. Mike Marlowe	262-2182
Leadership & Higher Education	Dr. Braxton Harris	262-2214
Library Science & Foundations	Dr. Tom Jamison	262-2243
<i>College of Fine & Applied Arts</i>		
Art	Dr. Marianne Suggs	262-2220
Communication Arts	Dr. Charles Porterfield	262-2221
Health Ed., PE & Leisure Studies	Dr. Vaughn Christian	262-3140
Home Economics	Dr. Sammie Garner	262-3120
Industrial Education & Technology	Dr. Ming Land	262-3110
Military Science	LTC Claude Cooper	262-3150
<i>School of Music</i>	Mr. Bill McCloud (Acting Dean) ...	262-3020

Housing

The University provides housing accommodations to those undergraduates and graduate students who have officially enrolled in summer classes or special programs on campus.

Residence halls are an important part of campus life, offering a variety of experiences that contribute to intellectual, personal, and social development. Group living can enable a student to develop individuality as well as responsibility to and respect for others.

How to Reserve a Room – Completing The Housing Application/License Agreement*

Advance application is strongly encouraged. Housing for the summer can be guaranteed, provided that advance application occurs. (Students enrolled in course work at ASU for spring semester, 1989 will have an opportunity to apply for housing at the same time of pre-registration). Students who would like to reserve a space need to complete the room application/license agreement and return it to the Office of Residence Life.

When completing your application/license agreement, indicate term(s) in which you plan to enroll. It is understood that a student when applying for housing may anticipate enrolling in multiple summer sessions, but after making application find need to modify one's plans. Because the housing agreement, once guaranteed, assures you of an assignment, it will be necessary for you to notify the Residence Life Office if your plans to enroll change. Once a room assignment for on-campus housing has been guaranteed, the student's account will be billed accordingly. Please make note of the cancellation deadlines which are listed below.

Students who wish to be roommates should make their room reservations at the same

time and indicate their roommate's name on respective housing agreement. To assure pairing, these agreements need to be mailed or delivered to the Residence Life Office together. Housing reserves the right to make reassignments if they deem necessary. Because of the short duration of the summer terms, there is no room change period during the summer session. However, space will be consolidated after no-shows are declared. (The individual with a vacancy in his/her room will have the option of paying the private room differential for the term in lieu of relocating or receiving a roommate.)

Provided advance application occurs, the following process will be utilized:

-within two weeks (14 days) after Residence Life's receipt of your housing agreement, you should receive confirmation of your building assignment. At that time, appropriate charges for your housing and meal plan will be established on your account.

-If your plans to either reside on campus and/or to enroll for the summer session(s) change, you will have until 5:00 pm on the Friday, two weeks prior to the start of the term for which you plan to initially enroll for summer work to cancel your housing agreement. If cancellation occurs within these deadlines subsistence charges will be removed.

To Cancel a Guarantee of Housing...Which is to begin with occupancy for:

...1st 5-Week Term

Cancellation should occur by 12 May, 1989

...4-Week Term

Cancellation should occur by 26 May, 1989

...2nd 5-Week Term

Cancellation should occur by 23 June, 1989

Once housing is guaranteed and a student occupies his/her assignment for the initial term of summer enrollment, the housing license is valid for any subsequent summer

*The Housing Application form can be found on page 98.

sessions for which a student plans to enroll. This would mean if a student resides in a residence hall during the first 5-week term and continues enrollment in the second 5-week term, the obligation to the housing license continues. (This is similar to the commitment a student has for the academic year-long housing license.)

Carefully complete all information for each appropriate section of the license except the area indicated for "Office Use Only."

READ INFORMATION CAREFULLY. *It contains details about your summer housing license/agreement.*

If You are Enrolling in a 4 or 5-Week Term:

Complete section A of the agreement and submit to the Office of Residence Life. Within two (2) weeks, (provided agreement is submitted with ample time to correspond) you will be mailed a notice guaranteeing your building assignment. Your account will be billed the appropriate subsistence charge. Dates will be indicated for making appropriate cancellation. If your agreement is cancelled appropriately, the subsistence charge will be removed (and a refund requested, if payment has already occurred.)

For any cancellation that occurs within two weeks prior to the start of the initial term indicated, the subsistence charges will remain on your account. (Refer to cancellation dates.)

NOTE: You will actually receive your room assignment upon arrival for check in.

If You are Attending a 1, 2, or 3-Week Workshop:

Complete Section B and include a check or money order as full prepayment for your housing accommodations. This is necessary to guarantee your assignment. The advance prepayment will be refunded in full if the Office of Residence Life is noti-

fied in writing by the applicant at least two weeks prior to the day of registration for the workshop you plan to attend. A pro-rated refund (full amount less administrative costs equal to one week housing charge at the double occupancy rate) will be made if knowledge of your cancellation is known prior to 5:00 p.m. on the Friday before your workshop begins.

Only people participating in workshops will be permitted to stay in the residence halls. Single and double room accommodations are available. Workshop week begins on Sunday preceding the beginning of the workshop and extends to Friday of the last day of the workshop. No proration is possible.

Visitation hours have been established to include the opportunity for members of the

All room assignments must be occupied by 6:00 p.m. on Monday of the week your term begins. Otherwise, you will be declared a no-show and remain responsible for the housing charges for the term. Unless the office of Residence Life is notified that the student will be arriving late, the room space may need to be reassigned.

opposite sex to visit from 12:00 noon until one half hour prior to closing each night. All other policies, procedures and guidelines outlined in this publication apply to workshop participants. (See Rules and Regulations).

Accommodations for participants with spouses and/or families are occasionally available in specialized halls, having self-contained living units. Residence is also potentially available at Mountaineer Apartments. Contact the Office of Residence Life for more details.

Workshop housing will only be possible from May 29-August 11. Workshops occur-

ring either prior to or after these dates will require participants to explore off-campus alternatives for housing. Rooms will be assigned in the order in which applications are received. Private rooms will be assigned, if requested and available.

Mail completed License Agreement and, if enrolling in workshop, advance payment, for housing in form of check or money order to:

Office of Residence Life
Appalachian State University
Boone, North Carolina 28608

All information pertaining to license conditions shall be incorporated by reference to this document as well as correspondence to the student as indicated. (Correspondence will be sent via first class mail to the student's address indicated as the **permanent** address on university records.)

The University reserves the right to 1) cancel or change the assignment in the interest of order, health, sanitation or other urgent reasons, and 2) change and collect charges for damages to or for unauthorized use or alteration of room, equipment, or building, and for special cleaning necessitated by improper use of room and equipment.

Check In/Out Times, Hall Closings

Check in hours are from:

1:00 - 5:00 p.m. and 7:00 - 9:00 p.m. on the Sunday prior to registration.

10:00 - noon and 4:00 - 6:00 p.m. on the day of registration (Monday).

Students may move into the residence halls as early as 1 p.m. on Sunday before registration for the 5-week or 4-week term in which you plan to enroll.

Workshop participants scheduled for

check-in on either Sunday or Monday, May 28, 29, June 11, 12, or July 9, 10 should follow these check-in periods. For workshops beginning at times other than those listed above, the check-in period will be indicated in your confirmation letter.

To ensure that staff members will be available to conduct an official check-in and to receive a room key, please arrange your arrivals during these times. Unless the Residence Life Office has been notified of your late arrival, room reservations expire at 6 p.m. on registration day. (Charges will remain on your account if enrolled).

Since the summer school calendar provides a 10-day interim between the two 5-week terms, **the halls used for the first 5-week term assignment will be closed from 6:00 p.m., June 30 until 1:00 p.m. July 9.** All students enrolled for the first 5-week term who **pre-register** for the second 5-week term may store their belongings in the room over this break. Students completing the first 5-week term and not pre-registering for the second term must officially check-out prior to 6:00 p.m., Friday, June 30th.

Residence halls used to house graduate students who will be enrolled in the 4-week term and /or the second 5-week term will remain open. Temporary housing arrange-

ments for those undergraduate students remaining between the 5-week terms will be provided at the rate of \$53.75 for private and \$35.75 for double occupancy.

Check out hours:

All residents completing course work for a term or workshop should plan an official check out prior to 6:00 p.m. on the Friday of the week in which the term ends.

Rooms and Furnishings

Each room in the residence halls is furnished with single beds, study desks, chairs, dressers, and closets. Students provide their own pillows, bed linens, blankets, towels, lamps, and wastebaskets. They may also bring radios, stereos, and television sets. TV cable service is available for each room.

All rooms are equipped to accommodate two students. There are no single rooms, but students may arrange for private occupancy for an additional fee, if space is available.

Special Facilities

For the convenience of students who would like to prepare snacks, the residence halls are equipped with small kitchenettes where cooking is permitted. Cooking is not allowed in residence hall rooms. Other facilities include vending machines and coin-operated washers and dryers.

Rules and Regulations

For obvious health and safety reasons and because of legal statutes, the university is unable to allow certain items in the residence hall rooms. These items include body-building equipment, cooking appliances, and cooking, fireworks, outside aerials or antennas, radio transmitters, air conditioners, firearms, gas and air pistols and rifles, ammunition, explosives, flammable chemicals (i.e. paint thinner, etc.), water beds, and archery equipment.

To insure the welfare of residents, certain harmful activities are also not permitted, such as fighting, wrestling, gambling, vandalism, or littering in or around the buildings. In addition, students who are involved in the damage or loss of residence hall property will be required to pay for the cost of repair or replacement, or to share in such cost if more than one student is responsible for the damage or loss.

The university extends to students the privilege of visiting with members of the opposite sex in residence hall rooms. Maximum

guidelines for guest visitation are 12 noon each day until one-half hour before closing each day. All residence students and their guests are expected to follow the rules and regulations of the university as well as state and federal laws.

Mountaineer Apartments

Applications are available after February 1, 1989 for individuals desiring Summer 1989 accommodations at the university owned apartment complex. Priority is given to full-time degree seeking students. A limited number of apartments are available each summer, and preferably are leased on a long term basis. Please request this application from: **Office of Residence Life, ASU Boone, NC 28608.**

Off Campus Housing

Students who plan to live off campus make their own living arrangement. It is a good idea to visit the community and inspect the facilities before making any housing agreement. Students are advised to obtain written contracts outlining their own responsibilities as well as those of their landlord. The Office of Residence Life maintains a notebook of available apartments in the community. Individuals are welcome to review these notebooks during normal office hours. (8 to 5, Monday through Friday).

Graduate Statement For 1989 Summer School

The Cratis D. Williams Graduate School at Appalachian State University offers programs leading to the Master of Arts degree in over 20 academic departments, the Master of Arts degree with teacher certification in almost 20 program areas, the Master of Science degree, the Master of Business Administration degree, the Master of Library Science, the Master of Music, the Educa-

tional Specialist degree, and the Certificate of Advanced Study. Courses in most of these degree programs are offered on a regular, guaranteed basis during the Summer Session.

All admissions regulations that apply during the academic year also apply to the summer term. Students enrolled in graduate courses during the summer must be fully admitted students unless they can be classified as visiting, non-degree, or certification students. A limited number of graduate assistantships are available in the summer and students should see their department chairperson or graduate school personnel for details. Students are encouraged to visit the Graduate School for any information they may need.

An Appalachian Summer

An Appalachian Summer, now in its seventh year, is food for the soul and the spirit. The menu includes music, dance, theater and art.

Music

You can hear every kind of music during An Appalachian Summer. The North Carolina Symphony, under the talented baton of James Ogle, performs, in addition to its diverse concert offerings, a splashy outdoor concert with an elaborate fireworks show. The acclaimed Broyhill Chamber Ensemble, talented young musicians who spend the other nine months of the year performing all over the globe, delight audiences with the classics and educate with contemporary works, opening new musical vistas for our audiences. The region's favorite entertainers, some of whom have won national recognition for perpetuating traditional mountain music - performers like Doc Watson, Stanley Hicks and John McCutcheon - highlight an annual old time music concert. And every summer our guest artists bring New York and Las Vegas to Boone for star-studded performances.

Dance

The North Carolina Dance Theater dazzles with its highly acclaimed creative and energetic performances. Founded by Robert Lindgren as a professional affiliate of the North Carolina School of the Arts in 1970 and now under the artistic direction of Salvatore Aiello, this entourage of dancers captivate App Summer audiences with a varied repertoire of classical and modern works.

Theater

All the World's a stage and An Appalachian Summer hosts its many players. There has always been innovative and quality theater during An Appalachian Summer and there always will be. National and regional companies perform classics - Shakespeare, Oscar Wilde and Tennessee Williams - contemporary premieres and never-before performed works of well-known playwrights. Theater careers have been launched and audiences are never disappointed.

Art

The Appalachian campus is an outdoor gallery every year as sculptors from all over the United States compete and have their work selected for a year-long sculptors exhibit. The exhibit, chosen by a nationally recognized juror, promotes significant work produced by American sculptors and provides over \$10,000 in prize money. Beautiful mountain vistas and cool summer weather bring artist to An Appalachian Summer for workshops, classes and exhibits.

Lifelong Learning

This summer festival will have an academic component as well. The Smithsonian Institution brought its summer lecture, concert and seminar series to An Appalachian Summer. Classes and camps on music, dance, art, photography, fossils, creative writing and a host of other topics which change each summer are held on a campus

noted for its academic excellence and innovative approaches to learning. There are opportunities for all ages to participate. Cannon Music Camp, for instance, offers talented high school musicians a chance to perform and learn from accomplished professional musicians. And Elderhostel holds summer programs for older adults.

For Information

This is just a taste of the many wonderful things happening during Appalachian State University's An Appalachian Summer. For more information call (704) 262-6084, or write **An Appalachian Summer, Appalachian State University, Boone, NC 28608**. For ticket information call (704) 262-3017.

Office of Conferences And Institutes

The university encourages the use of its resources and facilities by groups that are interested in providing educational and/or recreational workshops, clinics, camps, retreats, conferences, seminars and meetings. The Office of Conferences and Institutes is responsible for the development, coordination, promotion and management of non-credit continuing education programs. Programs are offered to individuals from 8 to 80 years of age, utilizing the resources of a diversified faculty and staff and the modern facilities, equipment and accommodations at the Broyhill Inn and Conference Center, Camp Broadstone, and the main campus.

For information contact the **Director of Conferences and Institutes, University Hall,**

1989 Planned Summer Conferences & Camps

Bridge	(one & two week sessions) beginning May 28
Quilting	June 21 - 24
Women's Basketball	July 2 - 6 & July 9 - 13
Baseball Camp	July 23 - 28
Field Hockey	July 30 - August 5 & August 6 - 12
Elderhostel	(9 one-week sessions) beginning June 4
Men's Basketball	June 11 - 16 & June 18 - 23
Drill & Pom-pom Clinic	August 2 - 5
Summer Science	June 11 - 24 & June 25 - July 8
Universal Cheerleader Clinic	July 5 - 8
Track and Field & Distance Running Camp	July 9 - 14 & July 23 - 28
National Cheerleaders Association Clinic	June 14 - 17 & July 30 - August 2
Fellowship of Christian Athletes	June 26 - 30
NC Choral Art Institutes	June 11 - 16
Color Guard & Drum Major Clinic	June 18 - 23
Silver Burdett & Ginn Music Workshop	June 18 - 24
Dulcimer Workshop	June 25 - 30
Football Camp	July 12 - 15
Wrestling Camp	July 16 - 21 & July 23 - 28
Cannon Music Camp	June 30 - July 29
Camp Broadstone	
Summer Enrichment Program	June 18-30 & July 2 - 14 & July 16 - 28

Appalachian State University, Boone, NC 28608. Phone (704) 262-3045.

Camp Broadstone

In an effort to encourage learning and appreciation of the natural world through discovery and participation in firsthand encounters, Appalachian State University provides the facilities and resources of Camp Broadstone to groups seeking outdoor learning experiences during the fall, winter and spring. The 53-acre camp is located in Valle Crucis alongside the Watauga River, only six miles from the main campus. The

camp facilities provide year-round housing for 100 people (groups and family) and a multipurpose dining hall capable of feeding 150. During the summer months the camp operates a six-week residential enrichment program for gifted and talented children.

The University encourages the use of the camp by students, faculty, staff, community and civic groups, and constituents of the university's service region. For information, contact the **Director of Camp Broadstone, Route 1, Box 447, Banner Elk, NC 28604. Phone (704) 963-4640 or 262-3045**

International Studies Abroad Program

The following is a tentative list of International Study Abroad offerings for the summer of 1989.

Location	Sponsoring Dept.	Dates	Trip Leader
England	English	May 17 - May 31	Dr. Grace McEntee Dr. Lynn Sanders
England (Durham)	College of Business	TBA	Dr. Ken Peacock
France	College of Business	May 29 - July 3	Dr. Ken Peacock
Germany	Foreign Languages	July 1 - 31; August 1 - 30	Dr. Uli Froehlich
Germany	College of Business	July 1 - 31	Dr. Uli Froehlich
Hawaii	Hospitality Management	May 15 - August 15	Dr. Gerald Glover
Spain	Foreign Languages	May 31 - June 30	Dr. Ramon Diaz-Solis
Switzerland	Psychology	June 14 - July 5	Dr. Harry Padgett

For further information contact the trip leader through the sponsoring department.

Course Schedules & Descriptions

All Residential Courses in this Bulletin are Guaranteed



Accounting

2100. Principles of Accounting I/(3 hrs.)

First 5-Week Term:

*Sec. 101: MTWRF, 8-9:30 am;
Walker 303; Jones, J.*

*Sec. 102: MTWRF, 10:10-11:40 am;
Walker 309; Speer, C.*

*Sec. 103: MTWR, 12:20-2:10 pm;
Walker 309; Lease, T.*

Second 5-Week Term:

*Sec. 101: MTWRF, 8-9:30 am;
Walker 303; Kirkpatrick, T.*

*Sec. 102: MTWRF, 10:10-11:40 am;
Walker 303; Larson, R.*

The initial course in the theory and practice of financial accounting. Topics emphasized include the preparation, reporting, and analysis of financial data. **Prerequisite:** sophomore standing.

2110. Principles of Accounting II/(3 hrs.)

First 5-Week Term:

*Sec. 101: MTWRF, 8-9:30 am;
Walker 309; Edwards, R.*

*Sec. 102: MTWRF, 10:10-11:40 am;
Walker 303; Pollard, W.*

Second 5-Week Term:

*Sec. 101: MTWRF, 8-9:30 am;
Walker 309; Staff.*

*Sec. 102: MTWRF, 10:10-11:40 am;
Walker 309; Staff.*

A course dealing with the concepts and development of accounting data for decision making. Topics emphasized include manufacturing cost systems, cost-volume-profit analysis, and budgeting concepts. **Prerequisite:** ACC 2100.

3100. Intermediate Accounting I/(4 hrs.)

*First 5-Week Term, MTWRF, 8-10:00 am;
Walker 314; Speer, CC.*

Financial accounting theory and practice underlying the accounting process. Topics emphasized include asset and liability accounts, the related income measurement, valuation, and reporting problems associated with these accounts. **Prerequisite:** A minimum grade of C (2.0) in ACC 2110.

SUMMER SEMESTER

ACC -3900-101 INTERN IN ACCOUNTING
ACC -5350-101 ADV ACCOUNTING THEORY
ACC -5550-101 ACC NOT-FOR-PROF GOV ORG

FIRST FIVE-WEEK TERM

ACC -2100-101 PRIN OF ACCOUNTING I
ACC -2100-102 PRIN OF ACCOUNTING I
ACC -2110-101 PRIN OF ACCOUNTING II
ACC -2110-102 PRIN OF ACCOUNTING II
ACC -3100-101 INTERMED ACCOUNTING I
ACC -3550-101 ACCOUNT NON-PROFIT ORG
ACC -4550-101 ACCOUNTING THEORY
ACC -4660-101 AUDIT CONCEPTS & APPLNS
ACC -5190-101 MANAGERIAL ACCOUNTING

SECOND FIVE-WEEK TERM

ACC -2100-101 PRIN OF ACCOUNTING I
ACC -2100-102 PRIN OF ACCOUNTING I
ACC -2110-101 PRIN OF ACCOUNTING II
ACC -2110-102 PRIN OF ACCOUNTING II
ACC -3110-101 INTERMED ACCOUNTING II
ACC -3570-101 ACC SYS INTERN CONTROL

3110. Intermediate Accounting II/(4 hrs.)

*Second 5-Week Term, MTWR, 10:10-12:10 pm;
Walker 314; Kirkpatrick, TL.*

A continuation of Accounting 3100. Topics emphasized include analysis of stockholders' equity accounts, income determination problems, changes in accounting methods and estimates, fund statements, statement analysis, and special problems. **Prerequisite:** A minimum grade of C (2.0) in ACC 3100.

3550. Accounting for Non-Profit Organizations/(3 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Walker 314; Jones, J.*

Application of principles of accounting, budgetary control, and financial management to nonprofit organizations. Discussion and cases will be drawn from municipal and county governmental units, universities, hospitals, and other nonprofit organizations. **Prerequisite:** ACC 2110 with a minimum grade of C (2.0).

3570. Accounting Systems and Internal Control/(3 hrs.)

*Second 5-Week Term, MTWR, 12:20-2:10 pm;
Walker 314; Nichols, R.*

An in-depth treatment of internal control and related accounting procedures; authorization and documentation; flowcharting and scheduling. Design of Accounting Systems to provide information for financial reports and to meet legal requirements for adequacy of accounting records and internal controls. Development of skills and expertise required for the study of contemporary accounting systems and internal auditing. Knowledge of a computer programming language is desirable but not essential. **Prerequisite:** ACC 3100 with a minimum grade of C (2.0).

3900. Internship/(6 hrs.)

*Summer Semester, times to be arranged; Jones, J.
Course Offered for
Satisfactory/Unsatisfactory Only.*

A full-time work situation for accounting majors providing an in-depth exposure in accounting practices. Nine hours granted for 15-weeks internship, six hours granted for 10-weeks summer internship or the special senior internship scheduled during a mini-session of the spring term. The student must report on his/her experiences and will participate in individual conferences and/or seminars related to the experience. **Prerequisite:** Junior or senior stand-

ing and premission of the departmental internship coordinator. Graded on an S/U basis.

4550. Accounting Theory/(3 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Walker 304; Craven, A.*

Study of the history and development of accounting principles with special emphasis on the authoritative pronouncements. **Prerequisite:** ACC 3110 with a minimum grade of C (2.0).

4660. Auditing Concepts and Applications/(3 hrs.)

*First 5-Week Term, MTWRF, 8-9:30 am;
Walker 304; Craven, A.*

An indepth study of ASB pronouncements and application of GAAS to an audit (public, internal and governmental) engagement. Greater emphasis on system analysis, relationship of internal control to audit objectives, and purpose of selected audit procedures-cases used where applicable. **Prerequisite:** A minimum grade of C in ACC 4560.

5190. Managerial Accounting/(3 hrs.)

*First 5-Week Term, MTWR, 12:20-2:10 pm;
Walker 303; Pollard, W.*

An examination of accounting information with emphasis on planning and control as well as product costing for purposes of inventory valuation and income determination. Subjects include but are not limited to: cost-volume-profit analysis, manufacturing cost systems, budgeting concepts, job-order and process costing, capital budgeting, standard costing, cost allocation, joint and by-product costing, overhead application and relevant costs for decision making, international accounting and ethics in the field of accounting. **Prerequisite:** Admission to the MBA Program; ACC 5090 or equivalent approved by the Director of Graduate Studies, Walker COB.

5350. Advanced Accounting Theory/(3 hrs.)

*Summer Semester, times to be arranged;
Larson, R.L.*

A comparative study of current generally accepted accounting theory and alternative concepts. The course encourages students to consider the merit and the shortcomings of alternative accounting concepts rather

than studying only those concepts that support present accounting practices. **Pre-requisite:** ACC 4550.

5500. Accounting Not-for-Profit & Governmental Organizations/(3 hrs.)

Summer Semester, times to be arranged; Edwards, R.

Anthropology

1989 Summer Sessions Calendar

Summer Semester

May 29 - August 11

1st 5-Week Term

May 29 - June 30

4-Week Term

June 12 - July 7

1st 3-Week Term

June 19 - July 7

1st 2 - Week Term

June 26 - July 7

2nd 5-Week Term

July 10 - August 11

2nd 3 - Week Term

July 10 - July 28

2nd 2 - Week Term

July 10 - July 21

FIRST FIVE WEEK TERM

ANT -4445-101 FIELD SCH ARCHAEOLOG TECH

SECOND FIVE WEEK TERM

ANT -1215-101 CULTURAL ANTHROPOLOGY

1215. Cultural Anthropology/(3 hrs.)

*Second 5-Week Term, MTWR, 10:10-11:40 am;
Chapell Wilson 105; Boyer, JC.*

A cross-cultural study of the variety of human cultures, past and present, including the interrelationship between social, economic, political, and religious systems. The course is designed to develop an understanding of cultural differences so that the students may develop a deeper understanding of his or her own life, of the contemporary world, and of the applicability of cultural understanding to the solution of human and social problems. Required for majors.

4445. Field School in Archeological Techniques/(4 hrs.)

First 5-Week Term, time and location to be arranged; Claassen, C.

An introduction to the techniques of recovery of archeological data, including training in such skills as surveying, controlled surface collection, excavation and processing and presentation of artifacts. This course is taught on an archeological site.

Art

FIRST FIVE-WEEK TERM

ART -2006-101 DRAWING
 ART -2011-101 ART INTRODUCTION
 ART -3530-101 CALLIGRAPHY
 ART -3533-101 GALLERY PROGRAM

FOUR WEEK-TERM

ART -3001-101 SCULPTURE
 ART -4571-101 SCULPTURE
 ART -5530-101 ART EDUCATION WORKSHOP
 ART -5531-101 ST WKSHP:STONE CARVING

FIRST TWO-WEEK TERM

ART -3531-101 PAPERMAKING

SECOND FIVE-WEEK TERM

ART -2000-101 PAINTING
 ART -2001-101 PAINTING
 ART -2004-101 ANC THROUGH RENAISS ART
 ART -2011-101 ART INTRODUCTION
 ART -3000-101 PAINTING
 ART -3530-101 MAC FOR THE GD
 ART -3534-101 EXHIBITS MGT
 ART -4000-101 PAINTING
 ART -4561-101 PHOTOGRAPHIC DESIGN II
 ART -5009-101 TCHG LRNG PRCS ART EDUC 2.00
 ART -5011-101 PAINTING
 ART -5013-101 ADVANCED PHOTOGRAPHY

2004. Ancient Through Renaissance Art/(3 hrs.)

*Second 5-Week Term, MTWRF, 10:00-11:50 am;
 Wey 306; Griffin-Kutbay.*

A survey of painting, sculpture, and architecture from prehistoric times through the sixteenth century. Sophomore standing or consent of instructor. Lecture three hours.

2006. Drawing/(3 hrs.)

*First 5-Week Term, MTWRF, 1-2:50 pm;
 Wey 315; Martindale, R.*

Involvement with a variety of drawing concepts and media. Work from the human figure, landscape, still life. **Prerequisites:** ART 1000, 1001, 1002, and 1003. Lecture and studio six hours.

2011. Art Introduction/(3 hrs.)

*First 5-Week Term, Sec. 101, MTWRF,
 9-9:50 am; Wey 306; Martindale, R.*

*Second 5-Week Term, Sec. 101, MTWRF,
 11-11:50 am; Wey 306; Arnold, A.*

Analysis of selected examples of architecture, sculpture, painting, crafts, and industrial design in relation to their historic time and need. Three hours lecture.

3000. Painting/(3 hrs.)

*Second 5-Week Term, MTWRF,
 11:00 am-12:50 pm; Wey 314; Durden, J.*

Advanced problems in painting with emphasis on the human figure. Individual experimentation and expression stressed. **Prerequisites:** ART 2001 and 2006. Lecture and studio six hours.

3001. Sculpture/(3 hrs.)

*4-Week Term, MTWRF, 9-11:50 am;
 Wey 118; Edwards, S.*

Intermediate exploration into theories of structuring sculptural form through advanced skills and processes. Emphasis on in-depth individual exploration in selected

2000. Painting/(2 hrs.)

*Second 5-Week Term, MTWRF,
 11:00 am-12:50 pm; Wey 314; Durden, J.*

Basic course in handling of a variety of painting media and the exploration of pictorial solutions. **Prerequisite:** ART 1000, 1001, 1002, and 1003. Lecture and studio four hours.

2001. Painting/(2 hrs.)

*Second 5-Week Term, MTWRF,
 11:00 am-12:50 pm; Wey 314; Durden, J.*

Intermediate studies with a variety of media. **Prerequisite** ART 2000. Lecture and studio four hours.

areas. **Prerequisite:** ART 2002 and 2003. Lecture and studio six hours.

3530. Calligraphy/(3 hrs.)

*First 5-Week Term, MTWRF, 10-11:50 am;
Wey 212; Yale-Read, B.*

This course will be an introduction to letter forms and will be of use to both the serious and the occasional student. The graphic design major will find the course useful in developing a greater sensitivity to lettering and typography. Two basic alphabets, Foundational Roman and Italic, will be studied, as well as variations of these alphabets. Technique, creativity and design will be emphasized. Various materials will be used in confronting the student with a variety of graphic experiences. The history and development of the alphabet will be included in the course study.

3530. Mac for the GD/(3 hrs.)

*Second 5-Week Term, MTWRF, 3-4:50 pm;
Wey 212; Midgett, E.*

This course is an introduction to the use of the Macintosh computer in using typographic and graphic design software and Desk Top Publishing applications. Emphasis will be on developing personal methodology in creative visual problem-solving. Exploration and experimentation within the parameters of the assignments, as well as technical proficiency with the media, will be stressed.

3531. Papermaking/(3 hrs.)

*First 2-Week Term, MTWRF, 1-4:00 pm;
Wey 204; Prather, M.*

The basic techniques of papermaking will be emphasized. These include pulling sheets of paper, casting paper, dying pulp, and exploring various fibers. The students will be provided with background information about the history of paper and its recent surge in contemporary visual arts. The class will be devoted to a hands on experience with various assignments in paper making, including 2-dimensional and 3-dimensional problems.

3533. Gallery Programs/(3 hrs.)

*First 5-Week Term, MTWRF, 4-4:50 pm;
Wey 232; Alexander, M.*

An on-the-job experience with artists, museums, galleries, and businesses related to the promotion of art professions. Graded on S/U basis.

3534. Exhibits Management/(3 hrs.)

*Second 5-Week Term, MTWRF, 4-4:50 pm;
Wey 232; Alexander, M.*

An on-the-job experience with artists, museums, galleries, and businesses related to the promotion of art professions. Graded on S/U basis.

4000. Painting/(3 hrs.)

*Second 5-Week Term, MTWRF, 11:00 am-1:50 pm;
Wey 314; Durden, J.*

Advanced painting emphasizing the solution of visual problems conceived by the individual student, under instructor supervision. **Prerequisites:** ART 2006. Lecture and studio six hours.

4561. Photographic Design II/(2 hrs.)

*Second 5-Week Term, MTWRF, 1-2:50 pm;
Wey 130; Midgett, E.*

Introduction to 35mm photography with emphasis on aesthetic image manipulation, darkroom procedures and techniques, and conceptual problems development. **Prerequisites:** ART 2015, or instructor approval prior to registration. Lecture and studio four hours.

4571. Sculpture/(3 hrs.)

*Second 5-Week Term, MTWRF, 9-11:50 am;
Wey 118; Edwards, S.*

Advanced study in sculpture with emphasis on in-depth individual exploration in one area of technical concern. **Prerequisite:** ART 3001. Lecture and studio six hours.

5009. Teaching and Learning Processes in Art Education/(2 hrs.)

*Second 5-Week Term, MTWRF, 9-9:50 am;
Wey 306; Arnold, A.*

A study of aesthetic and perceptual development of the child; aesthetic content in

the work of the artist and of the child; teaching methodology, historical and contemporary, through a study of writings, philosophies and research. Lecture two hours.

5011. Painting/(2 hrs.)

*Second 5-Week Term, MTWRF,
11:00 am-12:50 pm; Wey 314; Durden, J*

5013. Advanced Photography/(2 hrs.)

*Second 5-Week Term, MTWRF,
11:00 am-12:50 pm; Wey 130; Midgett, E.*

Advanced work in photography, with emphasis on the development of a related body of work resulting from research into Photographic techniques and history of this

diverse visual medium. **Prerequisite:** ART 4561. Lecture and studio four hours.

5531. Stone Carving Workshop/(3 hrs.)

*4-Week Term, MTWRF, 9-11:50 am;
Wey 118; Edwards, S.*

An overview of historical and contemporary stone carving will introduce the students to studio experience in carving. Students will be introduced to stone carving tools and processes and will undertake one or more works.

5530. Art Ed Workshop/(3 hrs.)

*4-Week Term, MTWRF, 9-11:50 am;
Wey 202; Purves, E.*

Biology

FIRST FIVE-WEEK TERM

BIO -1101-101 INTRO TO LIFE SCIENCE
BIO -1101-201 LABORATORY
BIO -1101-202 LABORATORY
BIO -3306-101 GENETICS

FOUR-WEEK TERM

BIO -4551-101 ORNITHOLOGY
BIO -4551-201 LABORATORY
BIO -4557-101 ICHTHYOLOGY
BIO -4557-201 LABORATORY
BIO -5000-101 BIBLIOGRAPHY & RESEARCH
BIO -5512-101 LOCAL FLORA
BIO -5512-201 LABORATORY

SECOND FIVE-WEEK TERM

BIO -1102-101 INTRO TO LIFE SCIENCE
BIO -1102-201 LABORATORY
BIO -1102-202 LABORATORY
BIO -3308-101 BACTERIOLOGY
BIO -3308-201 LABORATORY
BIO -5503-101 BASIC & APPL MICROBIOL
BIO -5503-201 LABORATORY

1101-1102. Introduction to Life Science/(3 hrs.)

*First 5-Week Term (1101-101), MWF,
8-10:00 am; Rankin 279; Butts, J.*

Lab (1101-201), TR, 8-10 am; Rankin 284;
Staff; Course offered for **no grade**

Lab (1101-202), TR, 12:20 -2:20 pm; Rankin 284;
Staff; Course offered for **no grade**

*Second 5-Week Term (1102-101), MWF,
8-10:00 am; Rankin 279; Neufeld, H.*

Lab (1102-201), TR, 8-10 am; Rankin 284;
Staff; Course offered for **no grade**

Lab (1102-202), TR, 12:20 -2:20 pm; Rankin 284;
Staff; Course offered for **no grade**

A survey of living organisms and their relationship to each other and to their environment. Study of topics from morphology, physiology, embryology, and genetics with particular reference to man and healthful living. Lecture two hours, laboratory two hours.

3306. Genetics/(3 hrs.)

*First 5-Week Term (1101-101), MTWRF,
10:10 am-12:10 pm; Rankin 263; Shull, JK.*

A study of principles of variation and heredity governing plants and animals with special reference to man. **Prerequisite:** 12 hours in biology or permission of the instructor.

3308. Bacteriology/(4 hrs.)

*Second 5-Week Term, MTWRF,
10:10 -11:40 am; Rankin 263; Montaldi, FA.*

**Lab (3308-201), TR, 2:30-4:30 pm; Rankin 210;
Montaldi, FA; Course offered for no grade**

Introduction to microbiology with emphasis on bacteriology, virology and immunology. Surveys the field of microbiology and related techniques with special attention given to host-pathogen relationships and diagnostics. Laboratory exercises are correlated with lecture topics. **Prerequisites:** Biology 1101-1102 and Chemistry 1101-1102. Lecture three hours, laboratory two hours.

3540-5540. Desert Ecology/(3 hrs.)

Summer Semester, times to be arranged

Both of these will be field courses, that explore the ecology of desert plants and animals. Identification of animals and plants, quantification of ecological measures, and integration of concepts will be stressed. All students will prepare a final paper reporting on their own data collections and inferences for data collected by all students.

4551. Ornithology/(3 hrs.)

*4-Week Term, MWF, 8-10:00 am;
Rankin 251; Randall, J.*

**Lab (4551-201), TR, 8-10:00 am; Rankin 251;
Randall, J; Course offered for no grade**

The morphology, physiology, behavior, ecology and identification of birds. Early morning field trips are required. Extended field trips to a variety of habitats will be arranged. Lecture two hours, laboratory two hours.

4557. Ichthyology/(3 hrs.)

*4-Week Term, MWF, 10:10 am-12:10 pm;
Rankin 251; Randall, J.*

**Lab (4557-201), TR, 10:10 am-12:10 pm; Rankin 251;
Randall, J; Course offered for no grade**

Ecology, distribution, taxonomy and economic importance of fishes. Freshwater fishes will be emphasized. **Prerequisite:** BIO 2202 or equivalent. Lecture two hours, lab two hours.

5000. Bibliography and Research/(3 hrs.)

*4-Week Term, MTWRF, 12:20-2:20 pm;
Rankin 263; Henson, R.*

A study of bibliographical problems, types of research, the literature and methods of scientific writing.

5503. Basic and Applied Microbiology/(3 hrs.)

*Second 5-Week Term, MWF,
12:20 -2:20 pm; Rankin 263; Montaldi, FA.*

**Lab (5503-201), TR, 12:20-2:20 pm; Rankin 210;
Montaldi, FA; Course offered for no grade**

Lecture, laboratory and field trips dealing with the underlying principles and applications of techniques used in ecological, industrial and medical microbiology. Lecture two hours laboratory work to be arranged by instructor. **Prerequisite:** BIO 3308

5512. Local Flora/(3 hrs.)

*4-Week Term, MWF, 8-10:00 am;
Rankin 208; Robinson, K.*

**Lab (5512-201), TR, 8-10:00 am; Rankin 208;
Robinson, K; Course offered for no grade**

A course designed specifically for elementary school teachers. A study of the common flora and economic plants of North Carolina including the collection, common name identification, and methods of preservation. Lecture two hours, laboratory and field work two hours.

Business Education

FIRST FIVE-WEEK TERM

B E -3340-101 BUSINESS COMMUNICATIONS

B E -3900-101 INTERNSHIP

SECOND THREE-WEEK TERM

B E -5310-101 PROG PLN IN VOCAT EDUC

SECOND TWO-WEEK TERM

B E -3895-101 ORG & ADMN OF BUS ED

B E -4610-101 COORD TEC JOB ANALY VOC

B E -4852-101 METH MKT EDUC FOR TCHRS

B E -5100-101 ADM SUPV VOCTL OFF ED

3340. Business Communications/(3 hrs.)

*First 5-Week Term, MTWRF, 8-10:00 am;
Duncan 318; Sox, C.*

Education to develop competence in business communications: effective business or organizational reports, letter and memorandum writing, nonverbal communication, and study of research methods, and communication analysis. Course intended primarily for Business majors. **Prerequisites:** MM 3150 and 3050 or equivalent with permission of instructor.

3895. Organization and Administration of Business Education/(3 hrs.)

*Second 2-Week Term, MTWRF, 1-5:00 pm;
Duncan 318; Eckert, S.*

Course covers the history and philosophy of business education and its place in secondary school programs. The overall organization and administration of business education as constituted at the secondary level is examined and evaluated. Establishing the curriculum for an effective program is given strong coverage in addition to evaluating and selecting equipment and instructional materials used in various business education courses.

3900. Internship/(6-9 hrs.)

*Summer Semester, times to be arranged; Staff;
Special Course Fee: \$3.00 per hour;
Course offered for
satisfactory/unsatisfactory only*

A full-time work experience in business. Nine semester hours of credit are granted for a normal 15-week internship with six semester hours granted for a 10-week internship. Students are encouraged to do internships during the summer between their junior and senior years of study. **Prerequisite:** Full admission to the College of Business, junior or senior standing and permission of Department Chairperson and Program Coordinator. Graded on an S/U basis.

4610. Coordination Techniques and Job Analysis for Vocational Business and Distributive Education/(3 hrs.)

*Second 2-Week Term, MTWRF, 8:30 am-12:30 pm;
Duncan 318; Allen, T.*

An analysis of the job in which prospective students are placed in a cooperative office and/or distributive education program and methods and techniques of coordinating the work.

4852. Methods in Distributive Education/(3 hrs.)

*Second 2-Week Term, MTWRF, 1-5:00 pm;
Duncan 331; Allen, T.*

A study of approved methods of teaching distributive education. **Prerequisite:** FDN 3040, and PSY 3302.

5100. Administration Supervision Vocational Office Education/(3 hrs.)

*Second 2-Week Term, MTWRF, 1-5:00 pm;
Duncan 318; Eckert, S.*

Course covers the history and philosophy of business education and its place in secondary school programs. The overall organization

zation and administration of business education as constituted at the secondary level is examined and evaluated. Establishing the curriculum for an effective program is given strong coverage in addition to evaluating and selecting equipment and instructional materials used in various business education courses.

Chemistry

1101. Introductory Chemistry I/(4 hrs.)

*First 5-Week Term, MTWRF, 8-9:30 am;
Rankin 320; Olander, D.*

Lab (1101-201), TWR, 10:30 am-1:20 pm; Rankin 320;
Staff; Course offered for no grade

A study of the fundamental principles of chemistry emphasizing modern atomic theory, the structure and behavior of atoms, the properties and states of matter, energy relations, periodicity and mole concepts. Laboratory experiments to supplement the study of the listed topics. Lecture three hours, laboratory three hours.

1102. Introductory Chemistry II/(4 hrs.)

*Second 5-Week Term, MTWRF, 8-9:30 am;
Rankin 320; Miles, G.*

Lab (1102-201), TWR, 10:30 am-1:20 pm; Rankin 320;
Staff; Course offered for no grade

A study of properties of solutions, acid-base concepts, equilibria, elementary thermodynamics, elementary kinetics, electrochemistry. Laboratory experiments to supplement the study of the listed topics. Lecture three hours, laboratory three hours. **Prerequisite:** CHE 1101.

2201. Organic Chemistry I/(4)

*First 5-Week Term, MTWRF, 8-9:30 am;
Rankin 354; Brown, L.*

Lab (2201-201), TWR, 10:30 am-1:20 pm; Rankin 354;
Staff; Course offered for no grade

A study of the fundamental concepts and basic physical and chemical properties of the major classes of the compounds of car-

5310. Program Planning in Vocational Education/(3 hrs.)

*Second 3-Week Term, MTWRF, 9:30 am-12:00 pm;
Duncan 331; Eckert, S.*

Concepts and principles involved in planning local vocational education programs. Experiences will focus on identification of the educational needs of students, selection of course content, curriculum design, and evaluation of materials.

FIRST FIVE-WEEK TERM

CHE -1101-101 INTROD CHEMISTRY I
CHE -1101-201 LABORATORY
CHE -2201-101 ORGANIC CHEMISTRY
CHE -2201-201 LABORATORY

SECOND FIVE-WEEK TERM

CHE -1102-101 INTROD CHEMISTRY II
CHE -1102-201 LABORATORY
CHE -2202-101 ORGANIC CHEMISTRY
CHE -2202-201 LABORATORY

bon. Structure and reaction mechanisms will be introduced in relation to these properties and concepts. Laboratory practice in techniques and class reactions. **Prerequisite:** CHE 1102. Lecture three hours, laboratory three hours.

2202. Organic Chemistry II/(4)

*Second 5-Week Term, MTWRF, 8-9:30 am;
Rankin 354; Cartaya, C.*

Lab (2202-201), TWR, 10:30 am-1:20 pm; Rankin 354;
Staff; Course offered for no grade

An indepth study of the structure, stereochemistry, and reactions of the major classes of organic compounds. Reaction mechanisms and spectroscopy will be emphasized. Laboratory practice in synthesis, modern separations, practical spectroscopy, and determination of unknowns. **Prerequisite:** CHE 2201. Lecture three hours, laboratory three hours.

Communication Arts

1100. Introduction to Speech Communication/(2 hrs.)

First 5-Week Term:

*Sec. 101, MTWRF, 11:15 am-12:15 pm;
Wey 318; Aycock, F.*

*Sec. 102, MTWRF, 10:10-11:10 am;
Wey 318; Cole, TW.*

Second 5-Week Term:

*Sec. 102, MTWRF, 12-1:00 pm;
Wey 205; Moore, N.*

Introduction to the theory and practice of speech communication. A grade of C or higher in this course fulfills the speech proficiency requirement for teaching majors.

2011. Introduction to Theatre/(3 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Greer 111; Mohler, F.*

*Second 5-Week Term, MTWRF, 10:10-11:40 am;
Greer 111; Marking, M.*

A nontechnical course for students with little or no theatrical background. A survey of all phases of theatre.

2102. Voice and Diction/(2 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:10 am;
Chapell Wilson 124; Lee, T.*

*Second 5-Week Term, MTWRF, 10:10-11:10 am;
Wey 205; Porterfield, C.*

Instruction and practice in voice production and articulation; analysis of regional speech differences and standards.

2110. Introduction to Nonverbal Communication/(2 hrs.)

*Second 5-Week Term, MTWRF, 12-1:00 pm;
Wey 318; Dorgan, C.*

An introduction to nonverbal behavior as a form of communication, with emphasis upon nonverbal communication in the classroom, in the business world, and in general interpersonal relations. Examination will be made of such areas of nonverbal behavior as kinesics (body language), haptics (communication through touch),

FIRST FIVE-WEEK TERM

CMA -1100-101 INTROD SPH COMMUNICAT
CMA -1100-102 INTROD SPH COMMUNICAT
CMA -2011-101 INTRODUCTION TO THEATRE
CMA -2102-101 VOICE & DICTION
CMA -2300-101 INTRO MASS COMMUNICAT
CMA -2305-101 LAW ETHICS COMMUN MEDIA
CMA -2315-101 MASS COMMUNICATION ACT
CMA -2316-101 RADIO PRODUCTION
CMA -2600-101 INTROD TO JOURNALISM
CMA -2610-101 PRINT NEWSWRITING
CMA -3300-101 MASS MEDIA & SOCIETY
CMA -3301-101 WRITING FOR RADIO & TV
CMA -3301-102 WRITING FOR RADIO & TV
CMA -3320-101 BROADCAST PRODUCTION
CMA -4315-101 BDCAST PROGRAM & MGT

FIRST THREE-WEEK TERM

CMA -2210-101 STAGE LIGHTING
CMA -4256-101 CREATIVE DRAMA
CMA -5530-101 PRODUCTION TECH:LIGHTNG
CMA -5531-101 CREAT DRAMA IN CLASSRM

SECOND FIVE-WEEK TERM

CMA -1100-102 INTROD SPH COMMUNICAT
CMA -2011-101 INTRODUCTION TO THEATRE
CMA -2102-101 VOICE & DICTION
CMA -2110-101 INTROD TO NONVERB COMM
CMA -2121-101 INTERPERSONAL COMMUNIC
CMA -2315-101 MASS COMMUNICATION ACT
CMA -3155-101 THEOR & PRAC PERSUASION
CMA -3300-101 MASS MEDIA & SOCIETY
CMA -3316-101 TV PRODUCTION
CMA -3320-101 BROADCAST PRODUCTION
CMA -3600-101 ADVANCED JOURNALISM

SECOND THREE-WEEK TERM

CMA -3530-101 PRO TECH:COSTUME/MAKEUP
CMA -5532-101 PRO TECH:COSTUME/MAKEUP
CMA -5533-101 ACTING STYLES FOR TEAC

proxemics (use of space and communication), paralinguistics (Vocal cues in communication), and nonverbal factors in communication between variant ethnic groups and cultures.

2121. Interpersonal Communication/(3 hrs.)

*Second 5-Week Term, MTWRF, 10:10-11:40 am;
Wey 214; Moore, N.*

Study and application of basic communication concepts to interactive communication situations and problems. Students will be involved in various activities pertinent to understanding these concepts.

2210. Stage Lighting/(3 hrs.)

*First 3-Week Term, MTWRF, 1-4:00 pm;
Chapell Wilson 128; Mohler, F.*

Introduction to the use of stage lighting instruments and control. Includes units on instruments, lighting design and control.

2300. Introduction to Mass Communications/(3 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Wey 205; Matovu, J.*

Study of the forms of mass communication including newspaper, magazine, radio, television, books, and film.

2305. Law and Ethics of Communication Media/(3 hrs.)

*First 5-Week Term, MTWRF, 8:30-10:00 am;
Wey 205; Cole, T.*

A study of the legal sanctions and constitutional freedoms affecting the communications media. Consideration is given to the principles of professional ethics and social responsibility of the mass communicator.

2315. Mass Communication Activity/(1 hr.)

*First and Second 5-Week Terms,
Times to be arranged; Porterfield, C.*

Participation in broadcasting or journalism activity. Students will contract with the appropriate faculty member to work in radio, TV, or journalism. Maximum of four hours may apply toward graduation.

2316. Radio Production/(3 hrs.)

*First 5-Week Term, MTWRF, 8:30-10:00 am;
Wey 214; Daniels, HL.*

Radio broadcast procedures; program types and standards; social and programming aspects; laboratory practice in radio, use of facilities of radio station WASU-FM.

2600. Introduction to Journalism/(2 hrs.)

*First 5-Week Term, MTWRF, 9-10:00 am;
Wey 326; Pennell, S.*

Introduction to news gathering, writing, and editing processes.

2610. Print Newswriting/(2 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:10 am;
Wey 326; Pennell, S.*

Study of newswriting for newspapers and magazines. Emphasis on techniques of interviewing, newsgathering, newswriting, and typing news stories. **Prerequisite:** Reasonable typing skill, CMA 2600 or the consent of the instructor.

3155. Theory and Practice of Persuasion/(3 hrs.)

*Second 5-Week Term, MTWRF, 8:30-10:00 am;
Wey 205; Dorgan, C.*

Survey of the theories of persuasion, with emphasis upon persuasive forms in public address, print and non-print advertising, and all general forms of public suasion. Practice in the preparation of a persuasive campaign, with options open for that campaign to be developed for one or more media.

3300. Mass Media and Society/(3 hrs.)

*First 5-Week Term, MTWRF, 12:20-1:50 pm;
Wey 205; Matovu, J.*

*Second 5-Week Term, MTWRF, 10:10-11:40 am;
Wey 318; Lee, S.*

A survey of the social impact of mass media. Analysis of issue such as mass media and individual behavior, violence and TV, media and consumers, and mass media and popular culture.

3301. Writing for Radio and TV/(3 hrs.)

First 5-Week Term:

*Sec. 101, MTWRF, 12:25-1:55 pm;
Wey 326; Aycock, F.*

*Sec. 102, MTWRF, 8:30-10:00 am;
Wey 318; Reighard, P.*

Formats and techniques of writing for the broadcast media.

3316. TV Production/(3 hrs.)

*Second 5-Week Term, MTWRF, 1-3:00 pm;
Wey 328; Faires, D.*

Technical, aesthetic, organizational, and business aspects of television production with an emphasis on current equipment and production techniques; laboratory practice in television production. Two hours lecture, two hours laboratory. **Prerequisite:** CMA 2316.

3320. Broadcast Production/(3 hrs.)

*First 5-Week Term, MTWRF, 10:10 am-12:00 pm;
Wey 328; Faires, D.*

*Second 5-Week Term, MTWRF, 10:00 am-12:00 pm;;
Wey 328; Faires, D.*

A course for non-broadcasting majors. Introduces students to the basic terminology, equipment, and operating procedures used in the production of material for radio and television. Includes radio and television laboratories. Two hours lecture, two hours lab.

3530. Production Techniques: Costume and Make-up/(3 hrs.)

*Second 3-Week Term, MTWRF, 1-4:00 pm;
Chapell Wilson 128; Marking, M.*

Theory and practice of theatrical costume including costume design, construction, organization and maintenance. Theory and practice of theatrical make-up design including participation in make-up projects.

3600. Advanced Journalism/(3 hrs.)

*Second 5-Week Term, MTWRF, 12:20 -1:50 pm;;
Wey 205; Lee, S.*

Study of principles, processes, and techniques of editorial and feature writing for print media. Intense practical training in advanced writing styles and skills. **Prerequisite:**

site: CMA 2600,2610, or consent of the instructor.

4256. Creative Drama/(3 hrs.)

*First 3-Week Term, MTWRF, 1-4:00 pm;
Greer 111; Lee, T.*

Aids the potential K-12 teacher in using drama as a creative teaching technique. Methods of teaching elementary school drama; practical experience in using drama activities to develop basic skills in human development.

4315. Broadcast Programming and Management/(3 hrs.)

*First 5-Week Term, MTWRF, 10:10 -11:40 am;
Wey 214; Reighard, PB.*

A seminar approach to contemporary programming techniques for broadcasting including programming analysis, development, and implementation in real and hypothetical situations. Emphasis on management functions of audience analysis, selection of formats, financial considerations, engineering problems, and personnel planning.

5530. Production Techniques: Lighting/(3 hrs.)

*First 3-Week Term, MTWRF, 1-4:00 pm;
Chapell Wilson 128; Mohler, F.*

A study of lighting instruments, lighting design, and control. In-depth examination of problems of lighting in high school facilities. Projects will include development of teaching aids and demonstration for use in teaching lighting.

5531. Creative Drama in the Classroom/(3 hrs.)

*First 3-Week Term, MTWRF, 1-4:00 pm;
Greer 111; Lee, T.*

Study of dramatic techniques that can be used as teaching tools in the classroom. Study of styles and techniques of process-oriented drama in elementary and secondary classrooms. Students will research and plan a curriculum for drama in their own or hypothetical school system.

5532. Production Techniques: Costume and Make-up/(3 hrs.)

*Second 3-Week Term, MTWRF, 1-4:00 pm;
Chapell Wilson 128; Marking, M.*

A practical guide to the study of theatrical make-up and costuming. Various conceptual and technical problems with direct correlation to problems arising in high school settings. The student will acquire competence in the execution of make-up design and related areas of makeup. Costuming will include an introductory study of design and coordination, equipment,

fabric color and selection, simple patterning projects, dying and decoration.

5533. Acting Styles for Teachers/(3 hrs.)

*Second 3-Week Term, MTWRF, 1-4:00 pm;
Greer 111; Pilkington, E.*

Scene analysis and character development for the non-real play. An in-depth study of techniques and styles required to perform plays of the classical and contemporary era. Includes studio rehearsal and performance. **Prerequisite:** CMA 2203 or permission of instructor.

Computer Information Systems

FIRST FIVE-WEEK TERM

CIS -2660-101 INTRO MGT INFORMTN SYS
CIS -2660-102 INTRO MGT INFORMTN SYS
CIS -3670-101 APPLN IN BUS DATA PRCS

SECOND FIVE-WEEK TERM

CIS -2660-101 INTRO MGT INFORMTN SYS

2660. Introduction to Business Data Processing/(3 hrs.)**First 5-Week Term**

*Sec. 101: MTWRF, 8-9:30 am; Walker 302; Roy, M.
Sec. 102: MTWRF, 10:10-11:40 am; Walker 308; Perry, T.*

Second 5-Week Term

MTWRF, 8-9:30 am; Walker 308; Staff

A survey of computer processes and equipment. The course includes principles of data processing, computer language, and the application and impact of data processing on business.

3670. Applications in Business Data Processing/(3 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Walker 314; Nichols, R.*

A study of the problems encountered in the implementation of business systems. The COBOL language is used in order to complete application type programs. **Prerequisite:** CIS 2660.

Computer Science

FIRST FIVE-WEEK TERM

C S -1410-101 INTROD TO COMPUTING
C S -1440-101 PROGRAM FUNDAMENTALS

SECOND FIVE-WEEK TERM

C S -1410-101 INTROD TO COMPUTING
C S -1440-101 PROGRAM FUNDAMENTALS

1410. Introduction to Computing/ (2 hrs.)

First 5-Week Term

MTWRF, 8-9:00 am; Sanford 405; Pekarek, E.

Second 5-Week Term

MTWRF, 10:10-11:10 am; Sanford 405; Goodman, T.

This course includes an introduction to BASIC language, use of the software editor on the local mainframe computer and word processing on a microprocessor, and pack-

ages on both types of computers. Not intended for computer science majors. **Prerequisite:** Must pass placement test or MAT 0010.

1440. Programming Fundamentals/ (3 hrs.)

First 5-Week Term

MTWRF, 10:10-11:10 am; Sanford 405; Pekarek, E.

Second 5-Week Term

MTWRF, 8-9:30 am; Sanford 405; Goodman, T.

This course will provide an introduction to programming in a block structured language, such as PASCAL. It is intended to be the initial course for computer science majors and will be a prerequisite for the next sequence of courses. **Prerequisite:** Must pass placement test or MAT 0010.

Criminal Justice

1100. Introduction to Criminal Justice/ (3 hrs.)

Second 5-Week Term, MTWR, 12:20-1:50 pm;
Whitener 150; O'Block, R.

A study of the development and operation of the criminal justice system in the United States. Included will be an examination of the components which make up the criminal justice system, their roles and responsibilities as a part of the system.

2020. Police Process/(3 hrs.)

First 5-Week Term, MTWRF, 10:10-11:40 am;
Whitener 145; Donahue, M.

An examination of social and historical settings of the police; police role and career; police discretion; police values and culture; organization and control.

SUMMER SEMESTER

C J -4900-101 INTERN IN CRIM JUSTICE
C J -4900-102 INTERN IN CRIM JUSTICE
C J -4900-103 INTERN IN CRIM JUSTICE
C J -4900-104 INTERN IN CRIM JUSTICE
C J -4900-105 INTERN IN CRIM JUSTICE

FIRST FIVE-WEEK TERM

C J -2020-101 POLICE PROCESS
C J -3330-101 SOCIAL DEVIATION
C J -3400-101 CRIMINOLOGY
C J -3551-101 CRIMINAL LAW
C J -4400-101 INTERN TLN TERROR & JUST

SECOND FIVE-WEEK TERM

C J -1100-101 INTRO CRIMINAL JUSTICE
C J -3430-101 CORRECTIONS
C J -3530-101 AMER SYSTEM OF JUSTICE
C J -4552-101 ABNORMAL PSYCHOLOGY
C J -4700-101 APPLIED BEHAVIOR MNGT

3330. Social Deviation/(3 hrs.)

*First 5-Week Term, MTWRF, 12:20-1:50 pm;
Chapell Wilson 204; Wise, M.*

The course emphasizes the social factors in causation. Review is made of the leading theories in deviation and then deviation types are analyzed; homosexuality, drug use and addiction, alcoholism, alienation, etc. **Prerequisite:** SOC 3400 or permission of instructor. (Same as Sociology 3330).

3400. Criminology/(3 hrs.)

*First 5-Week Term, MTWRF, 8-9:30 am;
Chapell Wilson 205; Logan, K.*

Study of origins and purposes of criminal law; survey of the various theoretical approaches to the study of crime causation; examination of various categories of criminal behavior including violent crime, occupational crime, political crime, criminal sexuality; and an overview of the criminal justice system which seeks to deter, convict and punish offenders. (Same as Sociology 3400).

3430. Corrections/(3 hrs.)

*Second 5-Week Term, MTWRF, 10:10-11:40 am;
Chapell Wilson 205; Reinert, J.*

A study of the history and development of the adult correctional system as part of the larger adult criminal justice system. Includes overview of the criminal justice system, a review and analysis of theories of punishment, a study of institutional treatment in a total institution and the roles of inmates and staff, and a study of alternatives to incarceration such as parole and probation. **Prerequisite:** SOC 3400 or 3435 or permission of instructor. (Same as Sociology 3430).

3530. American System of Justice/(3 hrs.)

*Second 5-Week Term, times to be arranged;
Fields, C. This class will involve a trip to Washington, DC (July 1-7). An additional fee will be charged to include transportation and lodging.
Permission of instructor required.*

This course will consist of numerous on-site visits to federal agencies in Washington,

D.C. which are involved in the administration of justice in the United States. These include but are not limited to: The Federal Bureau of Investigation, Department of Justice, Drug Enforcement Administration, Alcohol, Tobacco, and Firearms (ATF).

3551. Criminal Law/(3 hrs.)

*First 5-Week Term, MTWRF, 8-9:30 am;
Whitener 145; White, S.*

An introduction to the basic concepts of criminal law, definition of crime and defenses, function and purposes of substantive criminal law, limits of the criminal law, case study approach.

4400. International Terrorism & Justice/(3 hrs.)

*First 5-Week Term, MTWRF, 8-9:30 am;
Whitener 150; Barghothi, J.*

This course is to outline a comprehensive introduction to the definition, history, theory, operation and effects of terrorism. The course will also look into the role of the courts in dealing with terrorism.

4552. Abnormal Psychology/(3 hrs.)

*Second 5-Week Term, MTWRF, 10:10-11:40 am;
Smith-Wright 301; Wesley, G.*

The study of individuals and groups who demonstrate atypical behavior. This may include historical definitions of abnormality, standard psychiatric nosology and etiology, prevention and treatment of maladaptive behaviors. The concept of ultra-normal behavior may also be explored, theoretical basis for the course will reflect biases of the professor. (Same as PSY 4552)

4700. Applied Behavior Management/(3 hrs.)

*Second 5-Week Term, MTWRF, 8-9:30 am;
Smith-Wright 204; Fox, P.*

The application of operant contingency management principles to personal, interpersonal, and learning problems. (Same as PSY 4700).

4900. Internship in Criminal Justice/(3-12 hrs.)

Summer Semester, times to be arranged.

Special course fees of \$3.00 per hour.

Course offered for Satisfactory/Unsatisfactory only

Sec. 101, Moore, R

Sec. 102, White, S.

Sec. 103, Donahue, M

Sec. 104, Thompson, J.

Sec. 105, O'Block, R.

Field work in a criminal justice agency, office or institution and involvement in problem solving in these agencies and offices. Graded on S/U basis.

Curriculum & Instruction

SPECIAL COURSE OFFERINGS

C I -3530-101 MID GRDS C & I

C I -3530-102 MID GRDS C & I

C I -5530-101 MID GRDS C & I

C I -5530-102 MID GRDS C & I

C I -5541-101 ELEM CURR

C I -6530-101 ADV STD MID LEV ED

C I -6530-102 ADV ST MID LEV ED

FIRST FIVE-WEEK TERM

C I -2020-101 ART IN ELEM SCH

C I -2800-101 INTRODUCTION TO TEACHING

C I -2800-201 LABORATORY

C I -4030-101 MATH IN THE ELEM SCHOOL

FOUR-WEEK TERM

C I -4740-101 PHOTOGRAPHY

C I -4750-101 AUDIOVISUAL INSTRUCTION

C I -4750-102 AUDIOVISUAL INSTRUCTION

C I -4750-103 AUDIOVISUAL INSTRUCTION

C I -4750-104 AUDIOVISUAL INSTRUCTION

C I -5170-101 TCHG EMERGING ADOLES

C I -5560-101 LANG ARTS SOC ST INSTR

C I -5900-101 INTERNSHIP/PRACTICUM

C I -6460-101 ISS TREND PROB CURR, K-9

SECOND FIVE-WEEK TERM

C I -2800-101 INTRODUCTION TO TEACHING

C I -2800-201 LABORATORY

C I -3110-101 SOCIAL STUDIES ELEM SCH

C I -4740-101 PHOTOGRAPHY

C I -4750-101 AUDIOVISUAL INSTRUCTION

C I -4750-102 AUDIOVISUAL INSTRUCTION

C I -5050-101 SUPV OF INSTRUCTION

C I -5060-101 CURRICULUM PLANNING

C I -5060-102 CURRICULUM PLANNING

C I -5540-101 TEA MOT AT RISK STU

C I -5570-101 MATH & SCI INSTRUCTION

C I -5590-101 ADV ELY CHILDHOOD C & I

C I -5900-101 INTERNSHIP/PRACTICUM

C I -6360-101 SUR RES & IMPL CUR INST

SECOND THREE-WEEK TERM

C I -3532-101 PUPPETRY IN EDUCATION

C I -5532-101 PUPPETRY IN EDUCATION

C I -5535-101 TCH PREPARED INST MATLS

2020. Art in the Elementary School/(3 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Wey 202; Arnold, A.*

Experiences developing understanding of perceptual growth of the child, aesthetic content in art, concepts from elements in art forms, teaching methodology, and the teaching of an art unit in a laboratory situ-

ation. No prerequisite. Two hours per week lecture. Laboratory will include art experiences designed to increase the students' understanding of the artist's use of elements in art forms, media selected for adaptability into the elementary classroom, both two and three dimensional work. Two hours per week laboratory.

2800. Introduction to Teaching/(4 hrs.)

*First 5-Week Term, MTWRF, 12:20-2:20 pm;
Duncan 109; Blanton, W.*

Lab (2800-201), *Times to be arranged;
Blanton, W. Course offered for no grade.
Student must also register for CI 2800-101.*

*Second 5-Week Term, MTWRF, 8-10:00 am;
Duncan 109; Cross, A.*

Lab (2800-201), *Times to be arranged;
Cross, A. Course offered for no grade.
Student must also register for CI 2800-101.*

Basic conceptual introduction to the world of public education and the teaching of regular and special needs students. Students are required to perform a minimum of 45 hours of participation and/or observation in the public school.

3110. Social Studies in the Elementary School/(3 hrs.)

*Second 5-Week Term, MTWRF, 8-9:30 am;
Duncan 329; Mamola, C.*

The place of social studies in the elementary curriculum; objectives, instructional procedures, materials, and evaluation criteria.

3530-5530-6530.**Middle School Curriculum and Instruction/(2-3 hrs.)****3530-101 (2 hrs.)**

Start date: 7/17/89, **end date:** 7/28/89
9-11:30 am; Duncan Octagon 2; McEwin, K.

3530-102 (3 hrs.)

Start date: 7/17/89, **end date:** 7/28/89
9-11:30 am; Duncan Octagon 2; McEwin, K.

5530-101 (2 hrs.)

Start date: 7/17/89, **end date:** 7/28/89
9-11:30 am; Duncan Octagon 2; McEwin, K.

5530-102 (3 hrs.)

Start date: 7/17/89, **end date:** 7/28/89
9-11:30 am; Duncan Octagon 2; McEwin, K.

6530-101 (2 hrs.)

Start date: 7/17/89, **end date:** 7/28/89
9-11:30 am; Duncan Octagon 2; McEwin, K.

6530-102 (3 hrs.)

Start date: 7/17/89, **end date:** 7/28/89
9-11:30 am; Duncan Octagon 2; McEwin, K.

This workshop will examine innovative practices and ideas for implementing curricular improvements at the middle level.

Alternatives in curriculum and trends in instructional methods and materials will be examined. Educators from outstanding middle level school will make special presentations regarding their schools. Dr. William M. Alexander, internationally-recognized authority on middle level education, will serve as senior consultant. (For graduate courses additional course work will be required.)

3532-5532. Puppetry in Education/(2 hrs.)

*Second 5-Week Term, MTWRF, 10:00 am-12:00 pm;
Wey 208; Haley, G.*

The course is designed to introduce teachers to the production and application of puppetry in a variety of instructional settings. Teachers will have an opportunity to create and utilize a variety of puppets including hand puppets, "bunraku puppets," "rod puppets," and two-dimensional shadow puppets. The course will be taught by award-winning author and illustrator, Gail E. Haley. *Play People: Puppetry in Education*, recently authored and illustrated by Ms. Haley, will serve as the text for this course.

4030. Mathematics in the Elementary School/(2 hrs.)

*First 5-Week Term, MTWRF, 8-9:10 am;
Duncan 316; Quickenton, A.*

A study of how children develop basic number concepts and learn to perform operations with natural numbers and fractions. Consideration of sequential learning experiences appropriate to each grade level.

4740. Photography/(3 hrs.)

*4-Week Term, MTWRF, 10:10 am-12:10 pm;
Duncan 113; McFarland, R. **Fee Charged.***

*Second 5-Week Term, MTWRF, 8-9:30 am;
Duncan 113; Pritchett, J. **Fee Charged.***

Basic theory, principles and techniques of black and white and color photography. Laboratory fee.

4750. Audiovisual Instruction/(2 hrs.)

4-Week Term:

Sec. 101 (2 hrs.), MTWRF, 12:20 -2:20 pm;
Duncan 214; McFarland, R.

Sec. 102 (3 hrs.), MTWRF, 12:20 -2:20 pm;
Duncan 214; McFarland, R.

Sec. 103 (2 hrs.), MTWRF, 12:20 -2:20 pm;
Duncan 113; Fletcher, J.

Sec. 104 (3 hrs.), MTWRF, 12:20 -2:20 pm;
Duncan 113; Fletcher, J.

Second 5-Week Term:

Sec. 101 (2 hrs.), MTWRF, 10:10 -11:40 am;
Duncan 214; Considine, D.

Sec. 102 (3 hrs.), MTWRF, 10:10 -11:40 am;
Duncan 214; Considine, D.

The primary focus of the course is upon media in relation to the activity of learning. Students will have opportunity for "hands-on" experience with transparencies, slides, recordings, tapes, photography, and video. Some activity in a lab situation with major emphasis on "doing the media" to learn basic skills and concepts. Basic information is presented on television and programmed instruction. Since media technology is viewed as a means to enhance the instructional process, this course is applicable to most subject fields and to all levels of instruction.

5050. Supervision of Instruction/(3 hrs.)

Second 5-Week Term, MTWRF, 10:10-11:40 am;
Duncan 316; Jenkins, K.

A study of the nature and function of supervision, recent trends, teacher involvement in policy formation, the organization and techniques used in supervision.

5060. Curriculum Planning/(2-3 hrs.)

Second 5-Week Term:

Sec. 101 (2 hrs.), MTWRF, 12:20 -1:50 pm;
Duncan 316; Green, C.

Sec. 102 (3 hrs.), MTWRF, 12:20 -1:50 pm;
Duncan 316; Green, C.

A study of principles, effective practices, and techniques appropriate for overall curriculum planning.

5170. Teaching the Emerging Adolescent/(3 hrs.)

4-Week Term, MTWRF, 12:20-1:50 pm;
Duncan 316; Knight, P.

Study of the middle school student, examining cognitive, physical, emotional, social and aesthetic development. An interdisciplinary investigation drawing upon sources in the biological, behavioral, and social sciences. Emphasis will be placed on the child-in-school situation and on current research, especially in school settings.

5440. Elementary School Curriculum & Instruction/(3 hrs.)

First 5-Week Term, MTWRF, 12:20-1:50 pm;
Duncan 316; Knight, P.

The purpose of this course is to familiarize students with selected current topics in elementary school curriculum and instruction. The course is planned as a seminar to include a high level of student participation.

5535. Teachers Prepared Material/(3 hrs.)

Second 3-Week Term, MTWRF, 8-10:00 am;
Duncan 112; Fletcher/McFarland

The course will offer hands-on skills acquisition in basic instruction materials. Production areas include: transparency production including Thermo-Fax, Diazo, and color lifts; graphics including lettering for instructional displays and materials; dry-mounting and lamination; basic skills in photography, video and audio. Emphasis will be placed on the integration of production skills.

5541. Elementary Curriculum/(1 hr.)

Start date: 7/31/89; end date: 8/4/89
9:30-11:30 am; Duncan 318; Green, C.

5560. Language Arts and Social Studies Instruction/(3 hrs.)

4-Week Term, MTWRF, 8-10:00 am;
Duncan 109; Knight/Staff

A study of current research relating to teaching language arts and social studies. Em-

phasis is placed on strategies, practice, and materials for grades K-9.

5570. Mathematics and Science Instruction/(3 hrs.)

*Second 5-Week Term, MTWRF, 8-10:00 am;
Duncan 328; Woodrow, L.*

A study of the theoretical base for mathematical and scientific learning; the evaluation of conventional and innovative resources and approaches to teaching; the development of comprehensive models of mathematics and science education; and the development of teacher-made materials for grades K-9.

5590. Advanced Study in Early Childhood Curriculum and Instruction/(3 hrs.)

*Second 5-Week Term, MTWRF, 12:20-1:50 pm;
Duncan 109; Jones, RS.*

An intensive study of curriculum and instruction in early childhood education, with emphasis on planning and evaluating learning experiences, organizing materials, structuring the environment, and encouraging the learning process. Includes study of alternative curriculum models in early childhood education and recent research in child development and learning as applied to the classroom setting.

5900. Internship/Practicum/(3 hrs.)

4-Week Term and Second 5-Week Term.

Times to be arranged.

Special course fees of \$3.00 per hour.

Course offered for Satisfactory/Unsatisfactory only

Provides direct experiences teaching in grades Kindergarten through nine. Students are required to spend 90 hours teaching in classrooms appropriate to the level(s) of certification sought. This internship/practicum is designed only for those without appropriate experience in their Master of Arts major, as determined by the students' academic advisory committees.

6360. Survey of Research and Implications for Curriculum and Instruction/(4 hrs.)

*Second 5-Week Term, MTWRF, 10:10-11:40 pm;
Duncan 109; Thomason, J.*

This course emphasizes the reading and interpretation of research on designated topics within the school curriculum. Through collaboration and dialogue among class members, resulting implications for classroom instruction are determined.

6460. Issues, Trends, and Problems in Curriculum/(3 hrs.)

*4-Week Term, MTWRF, 12:20-2:20 pm;
Duncan 318; Reck, M.*

Analysis of current practices, problems, and trends in elementary education with emphasis on improved programs.

Decision Sciences

5200. Information Systems for Planning and Control/(3 hrs.)

*Sec. 101: Second 5-Week Term, MTWRF,
10:10-11:40 am; Walker 302; Dave, D.*

*Sec. 350: Times to be arranged, Dave, D.
Off-campus program to be taught in
Winston-Salem.*

An exploration of the design of systems to produce information for planning and control. A survey of approaches and techniques employed at the strategic, managerial, and operational levels. Special consid-

SECOND FIVE-WEEK TERM

D S -5200-101 INF SYST PLAN & CONTROL

D S -5200-350 INF SYST PLAN & CONTROL

eration is given budgeting and control methods. The impact of planning and control information on human behavior is also examined. **Prerequisite:** Graduate standing.

Economics

FIRST FIVE-WEEK TERM

ECO -2030-101 PRIN ECON-PRICE THEORY
 ECO -2030-102 PRIN ECON-PRICE THEORY
 ECO -2040-101 PRINC OF ECON - MACRO
 ECO -2040-102 PRINC OF ECON - MACRO
 ECO -2100-101 BUS & ECO STATISTICS I
 ECO -2100-102 BUS & ECO STATISTICS I
 ECO -3100-101 BUS & ECO STATISTICS II
 ECO -3100-102 BUS & ECO STATISTICS II

SECOND FIVE-WEEK TERM

ECO -2030-101 PRIN ECON-PRICE THEORY
 ECO -2030-102 PRIN ECON-PRICE THEORY
 ECO -2040-101 PRINC OF ECON - MACRO
 ECO -2040-102 PRINC OF ECON - MACRO
 ECO -2100-101 BUS & ECO STATISTICS I
 ECO -2100-102 BUS & ECO STATISTICS I
 ECO -3100-101 BUS & ECO STATISTICS II

2030. Principles of Economics—Price Theory/(3 hrs.)

First 5-Week Term:

Sec. 101, MTWRF, 8-9:30 am;
 Walker 104; Kirkpatrick, R.

Sec. 102, MTWRF, 10:10 -11:40 am;
 Walker 104; Kirkpatrick, R.

Second 5-Week Term:

Sec. 101, MTWRF, 10:10-11:40 am;
 Walker 104; Ebert, T.

Sec. 102, MTWRF, 12:20-1:50 pm;
 Walker 104; Ebert, T.

A brief introduction to the study of economics followed by an indepth analysis of microeconomics; theories of supply and demand, the price mechanism, income distribution, consumer choice, cost and revenue analysis and the theory of the firm, competition and monopoly and antitrust policy, government spending and taxing, agriculture, labor, and big business in the American economy, and current economic problems such as pollution, population expansion, urbanization, poverty, and discrimination.

2040. Principles of Economics—Macro/(3 hrs.)

First 5-Week Term:

Sec. 101, MTWRF, 8-9:30 am;
 Walker 106; Staff

Sec. 102, MTWRF, 10:10 -11:40 am;
 Walker 106; Staff

Second 5-Week Term:

Sec. 101, MTWRF, 8-9:30 am;
 Walker 106; Courbois, J.

Sec. 102, MTWRF, 10:10 -11:40 am;
 Walker 106; Courbois, J.

A brief introduction to the study of economics followed by an indepth analysis of macroeconomics: the circular flow of the economy, money and banking, national income analysis, business cycles, monetary and fiscal policy, and including an introduction to international trade and finance and international economic issues. **Prerequisites:** ECO 2030 or permission of instructor.

2100. Business and Economic Statistics I/(3 hrs.)

First 5-Week Term:

Sec. 101, MTWRF, 8-9:30 am;
 Walker 103; McRae, L.

Sec. 102, MTWRF, 10:10 -11:40 am;
 Walker 103; McRae, L.

Second 5-Week Term:

Sec. 101, MTWRF, 8-9:30 am;
 Walker 103; Elledge, B.

Sec. 102, MTWRF, 10:10 -11:40 am;
 Walker 103; Elledge, B.

A study of statistical tools used to analyze business and economic problems. The major subject matter includes descriptive statistics, the concepts of probability, confidence intervals and hypothesis testing, and statistical comparison of production and marketing methods. **Prerequisites:** MAT 1030 or MAT 1020.

3100. Business and Economic Statistics II/(3 hrs.)**First 5-Week Term:**

Sec. 101, MTWRF, 8-9:30 am;
Walker 102; Schieren, G.

Sec. 102, MTWRF, 10:10-11:40 am;
Walker 102; Schieren, G.

Second 5-Week Term:

Sec. 102, MTWRF, 10:10-11:40 am;
Walker 102; Gaynor, P.

Applications of statistical tools to a variety of business and economic situations. These tools include survey sampling methods, hypothesis testing using analysis of variance, regression and time-series analysis, and non-parametric statistics. Emphasis is placed on computer applications using available programs. **Prerequisites:** ECO 2030, 2040, 2100.

Educational Foundations

3100. Classroom Use of Microcomputers in Grades K-12/(2 hrs.)

Sec. 101: **Start date:** 6/5/89; **end date:** 6/30/89
8:15-10:00 am; Duncan 216; Tashner, J.

Sec. 102: **Start date:** 6/5/89; **end date:** 6/30/89
10:30 am-12:15 pm; Duncan 216; Tashner, J.

An introduction to the applications of micro-computer technology in instructional settings. Topics included are popular computer systems used in schools; word processing; data storage and retrieval; software evaluation, selection and use; and computer languages designed for classroom instruction.

3800. Foundations of American Education/(3 hrs.)**First 5-Week Term:**

Sec. 101, MTWRF, 8-9:30 am;
Duncan 327; Dale, M.

Sec. 102, MTWRF, 10-11:30 am;
Duncan 327; Jamison, T.

Second 5-Week Term:

Sec. 101, MTWRF, 8-9:30 am;
Duncan 327; Mielke, D.

An examination of historical, philosophical, sociological, political and economic forces affecting education and schooling in the United States. May serve as an elective for non-teacher education majors.

SPECIAL COURSE OFFERINGS

FDN -3100-101 CLRM USE MICROCMPTTR K-12
FDN -3100-102 CLRM USE MICROCMPTTR K-12
FDN -4560-101 MEASUREMENT & ASSMT
FDN -4560-102 MEASUREMENT & ASSMT

FIRST FIVE-WEEK TERM

FDN -3800-101 FOUNDATIONS OF AMER EDUC
FDN -3800-102 FOUNDATIONS OF AMER EDUC

FOUR-WEEK TERM

FDN -5000-101 RESEARCH IN EDUCATION
FDN -5000-102 RESEARCH IN EDUCATION
FDN -5840-101 SOC & PHILOS FDNS EDUC

SECOND FIVE-WEEK TERM

FDN -3800-101 FOUNDATIONS OF AMER EDUC
FDN -5000-101 RESEARCH IN EDUCATION
FDN -5000-102 RESEARCH IN EDUCATION
FDN -5840-101 SOC & PHILOS FDNS EDUC

4560. Measurement and Assessment/(2 hrs.)

Sec. 101: **Start date:** 6/12/89; **end date:** 6/30/89
10:10 am-12:00 pm; Duncan 328; Maycock, G.

Sec. 102: **Start date:** 7/10/89; **end date:** 8/4/89
12:20-1:50 pm; Duncan 328; Bliss, L.

Basic course for elementary, secondary, and junior college teachers which stresses the construction and use of teacher-made tests.

5000. Research in Education/(3 hrs.)

4-Week Term:

*Sec. 101, MTWRF, 8-9:45 am;
Duncan 328; Maycock, G.*

*Sec. 102, MTWRF, 12:30-2:15 pm;
Duncan 328; Maycock, G.*

Second 5-Week Term:

*Sec. 101, MTWRF, 8-9:30 am;
Duncan 317; Bliss, L.*

*Sec. 102, MTWRF, 10:10-11:40 am;
Duncan 328; Bliss, L.*

A study of the various types of research and the logical organization of research and reporting. In addition to becoming acquainted with the primary educational resources for research, the student will develop a research proposal. Those taking the course for three semester hours credit will have additional exposure on statistical concepts involved in educational research. The

course is required (usually in the first semester) for all persons working for Master of Arts degrees in any area of education and industrial arts.

5840. Social and Philosophical Foundations of Education/(3 hrs.)

*4-Week Term, MTWRF, 12:30-2:30 pm;
Duncan 326; Jamison, T.*

*Second 5-Week Term, MTWRF, 10:10-11:40 am;
Duncan 327; Mielke, D.*

An examination of the philosophical assumptions which appear to influence education policy decisions and an examination of social forces which impact on education—particularly the process we call schooling. Inquiry into significant social and philosophical issues in education is a major component.

English

INTERNATIONAL STUDIES ABROAD

ENG -3531-145 LIT STUDY TOUR: ENGLAND

NEWPORT, RHODE ISLAND PROGRAM

ENG -3530-101 MAJ NEW ENGLAND WRITERS

FIRST FIVE-WEEK TERM

ENG -1000-101 COMPOSITION & RHETORIC

ENG -1100-101 INTROD TO LITERATURE

ENG -1100-102 INTROD TO LITERATURE

ENG -2010-101 ENGLISH LITERATURE

ENG -2020-101 ENGLISH LITERATURE

ENG -2170-101 INTRODUCTION TO FILM

ENG -2170-102 INTRODUCTION TO FILM

ENG -2310-101 AMERICAN LITERATURE

ENG -2320-101 AMERICAN LITERATURE

ENG -3720-101 STUDIES SHORT STORY

ENG -4660-101 HIST OF ENG LANGUAGE

FOUR-WEEK TERM

ENG -5790-101 20TH CENTURY AMER LIT

ENG -5850-101 MILTON

ENG -5980-101 CONTEMP AMER & ENG LIT

FIRST THREE-WEEK TERM

ENG -5100-401 APPROACHES TO COMPOSIT

ENG -5100-402 APPROACHES TO COMPOSIT

ENG -5530-401 SYM TCH LANG ART & ENG

ENG -5530-402 SYM TCH LANG ART & ENG

SECOND FIVE-WEEK TERM

ENG -1000-101 COMPOSITION & RHETORIC

ENG -1000-102 COMPOSITION & RHETORIC

ENG -1100-101 INTROD TO LITERATURE

ENG -1100-102 INTROD TO LITERATURE

ENG -2020-101 ENGLISH LITERATURE

ENG -2100-101 MODERN STUDIES

ENG -2170-101 INTRODUCTION TO FILM

ENG -2170-102 INTRODUCTION TO FILM

ENG -2320-101 AMERICAN LITERATURE

ENG -4790-101 20TH CENTURY AMER LIT

ENG -4840-101 SHAKESPEARE II

ENG -5770-101 COLONIAL & FED AMER LIT

ENG -5870-101 ROMANTIC PERIOD

1000. Composition and Rhetoric/(3 hrs.)**First 5-Week Term**

MTWRF, 10:10-11:40 am; Sanford 301; Batman, G.

Second 5-Week Term

Sec.101: MTWRF, 10:10-11:40 am;
Sanford 304; Brewer, W.

Sec.102: MTWRF, 12:20-1:50 pm;
Sanford 304; Rupp, R.

An introduction to the various types of expository essays. A grade of C or higher in this course fulfills the English proficiency requirement for teaching majors.

1100. Introduction to Literature/(3 hrs.)**First 5-Week Term**

Sec.101: MTWRF, 8-9:30 am;
Sanford 501; Staff

Sec.102: MTWRF, 12:20-1:50 pm;
Sanford 206; Staff

Second 5-Week Term

Sec.101: MTWRF, 8-9:30 am;
Sanford 301; Williams, H.

Sec.102: MTWRF, 10:10-11:40 am;
Sanford 301; Staff

Analysis of fiction, poetry, and drama. Continued emphasis on composition through literary essays. Prerequisite: ENG 1000.

2010. English Literature/(3 hrs.)

First 5-Week Term, MTWRF, 8-9:30 am;
Sanford 206; McEntee, G.

A study of major writers from the beginning of British literature through the eighteenth century.

2020. English Literature/(3 hrs.)

First 5-Week Term, MTWRF, 2:30-4:00 pm;
Sanford 206; Moore, M.

Second 5-Week Term, MTWRF, 8-9:30 am;
Sanford 303; Higby, M.

A study of major British writers from the Roman tics through the present.

2100. Modern Studies/(3 hrs.)

Second 5-Week Term, MTWRF, 12:20-1:50 pm;
Sanford 206; Staff

A study of recent literature, Course content will vary and may concentrate on poetry, fiction, drama, or a combination.

2170. Introduction to Film/(3 hrs.)**First 5-Week Term**

Sec.101: MTWRF, 10:10-11:40 am;
Sanford 304; Conway, E.

Sec.102: MTWRF, 12:20-1:50 pm;
Sanford 304; Lewis, L.

Second 5-Week Term

Sec.101: MTWRF, 8-9:30 am;
Sanford 206; Whitener, RV.

Sec.102: MTWRF, 12:20-1:50 pm;
Sanford 206; Whitener, R.

A critical examination of notable examples of the filmmaker's art from silent movies up to the modern era, including a variety of film genres and including both American and foreign films.

2310. American Literature/(3 hrs.)

First 5-Week Term, MTWRF, 10:10-11:40 am;
Sanford 501; Logan, SH.

A study of major writers from the beginning of American literature through the Roman tics.

2320. American Literature/(3 hrs.)

First 5-Week Term, MTWRF, 12:20-1:50 pm;
Sanford 301; Staff

Second 5-Week Term, MTWRF, 10:10-11:40 am;
Sanford 206; Hilton, LH.

A study of major American writers from the beginning of realism through the present.

3530. Major New England Writers/(3 hrs.)**Newport, Rhode Island Program**

Times to be arranged; Whitener, R.

Start date: 5/28/89, **end date:** 7/1/89

Closed registration for students in the
Newport Summer Program only.

**3531. Literary Study Tour:
England/(3 hrs.)**

International Studies Abroad, times to be
arranged; Sanders/McEntee.

Start date: 5/17/89; **end date:** 5/31/89

3720. Studies in the Short Story/(3 hrs.)

First 5-Week Term, MTWRF, 8-9:30 am;
Sanford 302; West, J.

4660. History of the English Language/ (3 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Sanford 206; Lysiak, R.*

A study of the phonological, morphological, and cultural development of English, with particular emphasis on phonology.

4790. Twentieth Century American Literature/(3 hrs.)

*Second 5-Week Term, MTWRF, 10:10-11:40 am;
Sanford 501; Ward, W.*

A study of poetic and prose works most characteristic of modern American literature and thought. Emphasis on major writers.

4840. Shakespeare II/(3 hrs.)

*Second 5-Week Term, MTWRF, 12:20-1:50 pm;
Sanford 301; Hurley, D.*

A study of Shakespeare's tragedies.

5100. Approaches to Composition/ (3 hrs.)

*First 3-Week Term
Sec. 401: MTWRF, 8:30-11:30 am;
Sanford 103; Maiden, E.*

*Sec. 402: MTWRF, 12:30-3:30 pm;
Sanford 104; McFarland, B.*

A study of representative works about the teaching of writing with emphasis on the variety of approaches available to the prospective teacher.

5770. Colonial and Federal American Literature/(3 hrs.)

*Second 5-Week Term, MTWRF, 8-9:30 am;
Sanford 203S; Ward, W.*

An intensive study in selected major authors from the founding of the English colonies through the early stage of the American Republic. Offered alternate years with 5780.

5790. Twentieth-Century American Literature/(3 hrs.)

*4-Week Term, MTWRF, 8-10:00 am;
Sanford 203S; Dunlap, M.*

An intensive study of such major writers as Frost, Faulkner, Fitzgerald, and Hemingway. Offered alternate years with 5890.

5850. Milton/(3 hrs.)

*4-Week Term, MTWRF, 10:10-12:10 pm;
Sanford 203S; Stilling, R.*

An intensive study of *Paradise Lost*, other works selected from the Milton canon, and related texts. Offered alternate years with 5865.

5870. Romantic Period/(3 hrs.)

*Second 5-Week Term, MTWRF, 12:20-1:50 pm;
Sanford 203S; Hilton, L.*

An intensive study of selected authors of the Romantic period considered in relation to general concepts of romanticism. Offered alternate years with 5880.

5980. Contemporary American and English Literature/(3 hrs.)

*4-Week Term, MTWRF, 12:20-2:20 pm;
Sanford 203S; Lewis, L.*

An examination of recent trends in post-WW II writing and thought, with emphasis on the New American poetry in theory and practice, experiments in post-modern novels, and the Theater of the Absurd (and beyond). Offered alternate years with 5910.

Finance, Insurance, & Real Estate

2150. Legal Environment of Business/ (3 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Walker 210; Cherry, R.*

*Second 5-Week Term, MTWRF, 8-9:30 am;
Walker 210; Schaffer, R.*

An introduction to the legal process in order to demonstrate its effect on individuals and businessmen. A philosophical and historical background of jurisprudence and of the American legal system is supplied as well as a larger in-depth study of the federal and state court systems. Emphasis is also placed on legislative, administrative and common law, stressing specific topics affecting the businessman, such as contracts, business crimes and torts, government regulations, environmental protection, and the ethnical problems confronting businessmen in both the national and international trade setting.

2850. Real Estate Principles and Practices/ (3 hrs.)

*First 5-Week Term, MTWRF, 8-9:30 am;
Walker 210; Cherry, R.*

The economics of real estate, legal instruments, marketing, and management are the subjects covered. Includes valuation, appraisal and entrepreneurship.

3071. Principles of Risk Management and Insurance/(3) hrs.

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Walker 214; Wood, D.*

Covers risk management, general principles of insurance, economic security, individual life insurance, health insurance, social insurance, property insurance, and liability insurance. **Prerequisite:** Admission to the College of Business.

SUMMER SEMESTER

FIR -3900-101 INTERNSHIP

FIRST FIVE-WEEK TERM

FIR -2150-101 LEGAL ENVIRON OF BUS
FIR -2850-101 REAL ESTATE PRINC PRACT
FIR -3071-101 PRINC RISK MGT & INSUR
FIR -3680-101 INTRODUCTION TO FINANCE
FIR -3690-101 FINANCIAL MANAGEMENT
FIR -3790-101 FIN MARKETS & INTRMED
FIR -5005-350 FINANCIAL CONCEPTS
FIR -5010-350 MANAGERIAL FINANCE

SECOND FIVE-WEEK TERM

FIR -2150-101 LEGAL ENVIRON OF BUS
FIR -3910-101 BUSINESS LAW I
FIR -5010-101 MANAGERIAL FINANCE

3680. Introduction to Finance/(3 hrs.)

*First 5-Week Term, MTWRF, 8-9:30 am;
Walker 214; Fletcher, J.*

An introduction to the field of finance in the private sector. The student is introduced to financial management in the business firm to the principles of investment and valuation, and to financial markets and prices. **Prerequisite:** Admission to the College of Business.

3690. Financial Management/(3 hrs.)

*First 5-Week Term, MTWRF, 8-9:30 am;
Walker (arr); Followill, R.*

Study of financial functions of a business enterprise conducted from the standpoint of the financial manager. Emphasis and analysis, planning, and control; working capital management; capital budgeting; long-term financing; financial structure and valuation; and required return. **Prerequisite:** FIR 3680.

3790. Financial Markets and Intermediaries/(3 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Walker (arr); Fletcher, J.*

An in-depth study of the markets in which savers and borrowers of short and long-term funds come together. Focus is on the supply and demand for funds, the resulting yields and effects on capital formation, and evaluation of market performance. Course coverage will also include an examination of the various intermediaries that operate within financial markets. **Prerequisite:** FIR 3680.

3900. Internship/(6-9 hrs.)

*Summer Semester, times to be arranged; Geary, J.
Course offered for
Satisfactory/Unsatisfactory only.*

A full-time work experience in business. Nine semester hours of credit are granted for a normal 15-week internship. Six semester hours are granted for a 10-week internship which is generally during the summer only. **Prerequisite:** Admission to the College of Business and permission of the department chairperson. Graded on an S/U basis.

3910. Business Law I/(3 hrs.)

*Second 5-Week Term, MTWRF, 8-9:30 am;
Walker (arr); Geary, J.*

A study of selected traditional areas of the law that affect the commercial community. Includes law of contracts, commercial paper,

agency, personal property and bailments. Common law concepts are investigated as well as the impact of the Uniform Commercial Code on commercial transactions. The course is designed to give students an awareness of legal problems that may exist in a commercial transaction, and to develop the analytical skills necessary to recognize and seek assistance for such problems. (A special objective of this course is to assist students in preparing for the CPA examination.)

5005. Financial Concepts/(3 hrs.)

*First 5-Week Term, MTWRF, 6-9:30 pm;
Keasler, T. Off-campus program taught in
Winston-Salem.*

5010. Managerial Finance/(3 hrs.)

*First 5-Week Term, MTWRF, 6-9:30 pm;
Followill, R. Off-campus program taught in
Hickory.*

*Second 5-Week Term, MTWRF, 10:10-11:40 am;
Walker 214; Schellenger, M.*

An intensive study of the instruments and procedures of managerial finance. Financial theory and techniques for financial decisions are presented. Students are expected to use financial models and/or methods in solving financial problems. Integration of disciplines is encouraged. **Prerequisite:** Admission to a COB Graduate Program; FIR 5005 or its equivalent approved by the Director of Graduate Studies.

Foreign Language

FIRST THREE-WEEK TERM

F L -3530-101 ESL-GRAMMAR & COMP

SECOND THREE-WEEK TERM

F L -3531-101 ESL-PHONETIC & ORAL PRAC

3530. English as a Second Language (ESL) Grammar and Composition/(3hrs.)

*First 3-Week Term, MTWRF, 8-11:15 am;
Sanford 502; Hartley, E.*

(English as a Second Language course) Extensive practice in reading and composition of the type and level appropriate for a university student. Includes dictation and note taking.

3531. English as a Second Language (ESL) Phonetics and Oral Practice/(3 hrs.)

*Second 3-Week Term, MTWRF, 8-11:15 am;
Sanford 502; Hartley, E.*

(English as a Second Language) Phonetics and oral practice. Concentrated practice in oral/aural skills needed to succeed in the

English-speaking world and, particularly, in the classroom. Emphasizes listening comprehension, pronunciation and oral expression.

French

SPECIAL COURSE OFFERINGS

FRE -4550-101 FRE PHONETICS & DICTION
FRE -5071-101 FRENCH LIT 20TH CENT II

4550. French Phonetics and Diction/(3 hrs.)

*Start date: 6/26/89; end date: 7/21/89
9:30-11:45 am; Sanford 503; Staff*

A study of the sound system in French, the phonetic alphabet and its use. Oral practice. **Prerequisite:** FRE 2010 or FRE 3075 and Senior/Graduate standing. Required of French majors and French M.A. candidates.

5071. French Literature of the Twentieth Century (II)/(3 hrs.)

*Start date: 6/26/89; end date: 7/21/89
1-3:15 pm; Sanford 503; Staff*

Study of the major writers since 1940. Alternate years with 5070.

General Science

5510. Environmental Problems/(3 hrs.)

*4-Week Term, MTWRF, 2:30-4:30 pm;
Rankin 220; Greene, E.*

A study of environmental problems: their historical and cultural origins, their scientific background, and their possible solution. Includes a review of curriculum materials and activities appropriate for environmental studies in the elementary schools. Designed primarily for elementary and middle school majors.

FOUR-WEEK TERM

G S -5510-101 ENVIRONMENTAL PROBLEMS

Geography

FIRST FIVE-WEEK TERM

GHY -1010-101 INTRO PHYSICAL GEOG

FOUR-WEEK TERM

GHY -5100-101 PHYSICAL ENVIR ANALYS

SECOND FIVE-WEEK TERM

GHY -1020-101 WORLD REGIONAL GEOG

GHY -3530-101 GEOG FIELD CAMP

GHY -5301-101 TEACH OF GEOGRAPHY

GHY -5530-101 GEOG FIELD CAMP

1010. Introduction of Physical Geography/(3 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Rankin 402; Mayfield, M.*

A comprehensive study of our physical earth emphasizing the distributional pattern and interrelatedness of its land, soils, natural vegetation and habitat, and weather and climate. Examinations of environmental issues including hazardous wastes, acid rains, floods, droughts, deforestation and air pollution.

1020. World Regional Geography/(3 hrs.)

*Second 5-Week Term, MTWRF, 10-11:30 am;
Rankin 402; Winsor, R.*

The study of our contemporary world divided into the regions of North America, Central and South America, Africa, the Middle East, Europe, the Soviet Union, and South, East and Southeast Asia. Examination of global issues including population problems, technology and culture change, rural versus urban development, resources exportation and international trade, political identity and international conflict.

3530-5530. Geography Field Camp/(3 hrs.)

Second 5-Week Term, times to be arranged; Mayfield, M.

Students in physical and environmental geography need to be trained in various field techniques before they are adequately prepared for jobs in government or in the private sector. Students planning to pursue graduate studies in geography would also benefit from intensive field studies. In addition, students will be exposed to earth surface phenomena and processes that either do not occur or are not visible in the humid east. The course will be problem-oriented, with small groups assigned to field problems that can be effectively resolved during the 3-week field trip.

5100. Physical Environmental Analysis/(3 hrs.)

*4-Week Term, MTWRF, 8-10:00 am;
Rankin 402; Mayfield, M.*

An exploration of special problems related to physical geography with emphasis placed on their impact on the human environment.

5301. Teaching of Geography/(3 hrs.)

*Second 5-Week Term, MTWRF, 8-9:30 am;
Rankin 402; Winsor, R.*

This course focuses on the methodology and content of contemporary geography instruction. The student is acquainted with curriculum projects. A culminating activity involves the production of a geography teaching unit. Offered odd years.

German

1040. Intermediate Grammar Review/ (3 hrs.)

Start date: 7/1/89, end date: 7/31/89
Times to be arranged; Green

Intensive grammar review and training in understanding, speaking, reading, and writing German. **Prerequisite:** two units of high school German and a good score on the German placement test, or GER 1010 and GER 1020 or the equivalent. Recitation three hours a week and require laboratory.

1050. Readings in German: A Cultural Approach/(3 hrs.)

Start date: 7/1/89, end date: 7/31/89
Times to be arranged; Green

Readings in German texts of intermediate difficulty, dealing with the culture and literature of German. Emphasis on oral and reading comprehension, vocabulary acquisition, and correct usage of grammatical and idiomatic expressions in the discussions of cultural topics. **Prerequisite:** GER 1040 or the equivalent or consent of the advisor.

3055. Postwar Germany/(1 hr.)

Start date: 7/1/89, end date: 7/31/89
Times to be arranged; Froelich

3080. Advanced Grammar, Composition, & Syntax/(1 hr.)

Start date: 8/1/89, end date: 8/30/89
Times to be arranged; Froelich

3530. Conversational Patterns I/(3 hrs.)

Start date: 7/1/89, end date: 7/31/89
Times to be arranged; Froelich

This course intensifies the skills acquired in intermediate classes, with particular emphasis on listening and speaking. The course is designed for students who are in a German speaking setting to achieve greater fluency using German idioms and frequent expressions.

INTERNATIONAL STUDIES ABROAD

GER -1040-145 INTERM GRAMMAR REVIEW
GER -1050-145 RDGS IN GER: A CULT APPR
GER -3055-145 POSTWAR GERMANY
GER -3080-145 ADV GRAM, COMP & SYNTAX
GER -3530-145 CONVERS PATTERNS I
GER -3531-145 CONVERS PATTERNS II
GER -3532-145 ELEM CONV GERMAN
GER -3550-145 GERMAN CUSTOM & FOLKLORE

3531. Conversational Patterns II/(3 hrs.)

Start date: 7/1/89, end date: 7/31/89
Times to be arranged; Froelich

This course is a continuation of GER 3530. The course expands on the student's vocabulary, teaches additional idiomatic expressions and prepares for a German language proficiency examination required for all foreign students who want to study at a German University.

3532. Elementary Conversational German/(1 hr.)

Start date: 7/1/89, end date: 7/31/89
Times to be arranged; Froelich

This course is offered to all students without German background. It drills simple German phrases and conversational patterns along with their corresponding phonetics and diction. The course is designed to aid in everyday conversation in a German speaking setting with selected vocabulary on a word frequency basis.

3550. German Custom & Folklore/(3 hrs.)

Start date: 8/1/89, end date: 8/31/89
Times to be arranged; Froelich

Health Care Management

SUMMER SEMESTER

HCM -3900-101 INTERNSHIP

3900. Internship: Health Care Management/(6 hrs.)

Summer Semester, times to be arranged; McIlwain, T.

A full-time work experience in health care management and limited to College of Business majors. Six semester hours are

granted for a 10-week internship during the summer in a health care facility, service or program. **Prerequisite:** Admission to the College of Business, and permission of Department Chairperson and Internship Coordinator. Additional prerequisites for Health Care Management Majors include: HCM 3100 and 3130. Graded on an S/U basis.

Health Education

FIRST FIVE-WEEK TERM

HED -3100-101 ADV FIRST AID AND CPR

HED -3655-101 METH MAT HEALTH EDUC

SECOND FIVE-WEEK TERM

HED -1105-101 HEALTH AND WELLNESS

HED -3100-101 ADV FIRST AID AND CPR

HED -4650-101 DRUGS ALCOHOL & TOBACCO

1105. Health and Wellness/(2 hrs.)

*Second 5-Week Term, MTWRF, 9-9:50 am;
Broome-Kirk Gym, 315; Reichle, P.*

Survey course for non-health education majors. Focus is on basic wellness issues: nutrition, weight control, fitness, sexuality, drugs, mental and environmental health. Analysis will also be made of public and private health organizations, the addictive process, positive risk taking, value systems, social support and communicable, chronic and stress related diseases. Emphasis will be placed on achieving personal wellness.

3100. Advanced First Aid and CPR/(3 hrs.)

*First 5-Week Term, MTWRF, 8-9:30 am;
Broome-Kirk Gym 302; Breitenstein, D. **Fee Charged***

*Second 5-Week Term, MTWRF, 8-9:30 am;
Broome-Kirk Gym 302; Kanoy, R. **Fee Charged***

Principles and techniques of emergency First Aid including CPR with emphasis also

placed on related safety consciousness. American Red Cross certification may be earned.

3655. Methods and Materials in Health Education/(2 hrs.)

*First 5-Week Term, MTWRF, 10-11:00 am;
Broome-Kirk Gym 315; Breitenstein, D.*

The theory and practice of planning health education programs for elementary and secondary levels; including the use of a variety of methods and development of relevant materials. Health education as part of the total school health program is discussed.

4650. Drugs, Alcohol and Tobacco/(3 hrs.)

*Second 5-Week Term, MTWRF, 10-11:30 am;
Broome-Kirk Gym 315; Reichle, P.*

A study of drug and abuse. All classes of drugs including alcohol and tobacco will be discussed. Emphasis will be placed on the psychological and sociological factors which may lead to drug experimentation and heavy drug use. Emphasis will also be placed on methodology and techniques for the teaching of drug education.

History

1101. World Civilization to 1650/(3 hrs.)

First 5-Week Term:

*Sec. 101, MTWRF, 8-9:30 am;
Whitener 147; Vickrey, M.*

*Sec. 102, MTWRF, 10:10-11:40 am;
Whitener 147; Kluttz, K.*

*Sec. 103, MTWRF, 12:20-1:50 pm;
Whitener 147; Forgas, S.*

Second 5-Week Term:

*Sec. 101, MTWRF, 8-9:30 am;
Whitener 147; Kinsey, W.*

*Sec. 102, MTWRF, 10:10-11:40 am;
Whitener 147; Bond, L.*

An introduction to the development of world civilizations from ancient times to 1650. Selected topics trace the ancient, medieval, and early modern periods with stress on western ideas and institutions.

1102. World Civilization Since 1650/(3 hrs.)

First 5-Week Term:

*Sec. 101, MTWRF, 12:20-1:50 pm;
Whitener 151; Boyer, J.*

*Sec. 102, MTWRF, 10:10-11:40 am;
Whitener 151; Hanft, S.*

*Sec. 103, MTWRF, 8-9:30 am;
Whitener 151; Read, I.*

Second 5-Week Term:

*Sec. 101, MTWRF, 8-9:30 am;
Whitener 151; Berrier, J.*

*Sec. 102, MTWRF, 10:10-11:40 am;
Whitener 151; Jenrette, J.*

An introduction to the development of world civilization from 1650 to the present. Emphasis is placed on the revolutionary epoch, the age of industrialization, imperialism, and ideology, and the modern global society.

NEWPORT, RHODE ISLAND PROGRAM

HIS -3530-101 SOC HIS COLONIAL NEW ENG
HIS -3531-101 19TH CENT AMER: NEWPORT

FIRST FIVE-WEEK TERM

HIS -1101-101 WORLD CIVIL TO 1650
HIS -1101-102 WORLD CIVIL TO 1650
HIS -1101-103 WORLD CIVIL TO 1650
HIS -1102-101 WORLD CIVIL SINCE 1650
HIS -1102-102 WORLD CIVIL SINCE 1650
HIS -1102-103 WORLD CIVIL SINCE 1650
HIS -2201-101 SUR AMER CIV TO 1876
HIS -3820-101 US FOREIGN POLICY
HIS -5106-101 ST 20TH CENT EUROP HIST

SECOND FIVE-WEEK TERM

HIS -1101-101 WORLD CIVIL TO 1650
HIS -1101-102 WORLD CIVIL TO 1650
HIS -1102-101 WORLD CIVIL SINCE 1650
HIS -1102-102 WORLD CIVIL SINCE 1650
HIS -2204-101 SUR AMER CIV SINCE 1876
HIS -2207-101 AM CIV: NC & REGION
HIS -2207-102 AM CIV: NC & REGION
HIS -2207-103 AM CIV: NC & REGION
HIS -2207-104 AM CIV: NC & REGION
HIS -3532-101 FORMATION MEDIEVAL EUROP
HIS -5206-101 STUDIES IN AMER BUS HIS

2201. Survey of American Civilization to 1876/(3 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Whitener 229; Goff, J.*

An examination of United States history to 1876, tracing the American experience from the colonial era through the Civil War and Reconstruction.

2204. Survey of American Civilization Since 1876/(3 hrs.)

*Second 5-Week Term, MTWRF, 10:10-11:40 am;
Whitener 229; Silver, T.*

An examination of United States history since 1876 tracing the American experience from the Gilded Age down to the contemporary era.

2207. Themes in American Civilization: North Carolina and the Southern Region/(1 hr.)

Second 5-Week Term:

Sec. 101, TR, 8-9:30 am;
Whitener 253; Haunton, RH.

Sec. 102, TR, 10:10-11:25 am;
Whitener 253; Haunton, RH.

Sec. 103, TR, 12:20-1:35 pm;
Whitener 253; Haunton, RH.

Sec. 104, MW, 10:10-11:25 am;
Whitener 253; Haunton, RH.

A survey of major characteristics of North Carolina and the southern region, with emphasis on the teaching of these topics in elementary school. Designed for Childhood Education majors.

3530. Social History of Colonial New England/(3 hrs.)

Start date: 5/27/89, **End date:** 7/2/89

Times to be arranged; Silver, T. Closed registration for students in the Newport Summer Program only.

3531. 19th Century America: Newport/(3 hrs.)

Start date: 5/27/89, **End date:** 7/2/89

Times to be arranged; Bond, B. Closed registration for students in the Newport Summer Program only.

3532. Formation of Medieval Europe/(3 hrs.)

*Second 5-Week Term, MTWRF, 12:20-1:50 pm;
Whitener 229; Simon, S.*

The general purpose of this course is to trace the emergence of that civilization which historians term medieval. The chronological period to be covered is roughly the centuries between 300 and 900. In large part the study will be restricted to the geographical area which today we call Western Europe. However, since medieval Europe did not develop in isolation, but was the product of several interacting forces, it will be necessary to include in the study the interaction between East and West, etc.

3820. United States Foreign Policy/(3 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Whitener 231; Blackburn, C.*

Major episodes in the history of United States foreign policy during the twentieth century are explored, with special consideration being given to the ideas, ideals, domestic and international conditions, and personalities that have played important roles in determining relations with the rest of the world.

5106. Studies in European History/(3 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Whitener 247; Brantz, R.*

Variable content. Barring duplication, a student concentrating in European history may repeat the course and must earn a total of nine semester hours. Emphasis will be indicated on individual study forms or semester schedules.

5206. Studies in American History/(3 hrs.)

*Second 5-Week Term, MTWRF, 8-9:30 am;
Whitener 229; Antone, G.*

Variable content. Barring duplication, a student concentrating in American history may repeat the course and must earn a total of nine semester hours. Emphasis will be indicated on individual study forms or semester schedules.

Home Economics

1202. Meal Management in Introductory Foods/(3 hrs.)

*First 5-Week Term, MWF, 8:30-10:30 am;
Dougherty 108; Holt, CL.*

Lab (1202-201), TR, 8:30-11:30 am; Dougherty 210;
Holt, CL; Course offered for **no grade**.

Integration of the introduction of food study, with emphasis on the scientific principles involved in the identification and conservation of nutrients into a meal management format. Lecture two hours, laboratory two hours.

2000. Consumer Textiles/(3 hrs.)

*Second 5-Week Term, MWF, 10:10 am-12:00 pm;
Dougherty 208; Whitener, J.*

Lab (2000-201), TR, 10:10 am-12:00 pm; Dougherty 202;
Whitener, J; Course offered for **no grade**.

Consideration of textile fibers and fabrics from the viewpoint of the consumer. Factors related to raw materials, comparative quality, servicability and cost of textiles used in apparel and home furnishings. Lecture two hours, lab two hours.

2103. Family Development Over the Life Cycle/(3 hrs.)

*First 5-Week Term, MTWRF, 12:20-1:50 pm;
Dougherty 110; Wright, L.*

A study, using the life span approach of factors affecting individual and family development. Theories, patterns, structures and function of diverse family grouping and interactions/relationships in family processes and development will be considered in relation to current research. Lecture three hours.

2202. Nutrition and Man/(3 hrs.)

*First 5-Week Term, MWF, 2:20-3:50 pm;
Dougherty 110; Staff*

A study of the nutrients required by humans for normal physiological function with emphasis on nutrient requirements, sources, digestion, absorption, metabolism, and functions. Consideration of contempo-

INTERNATIONAL STUDIES ABROAD

HEC -2204-145 ADV FOODS & CONSUMER

HEC -2204-245 LABORATOR

FIRST FIVE-WEEK TERM

HEC -1202-101 MEAL MGT IN INTRO FOODS

HEC -1202-201 LABORATORY

HEC -2103-101 FAMILY DEV OVER LIFE CY

HEC -2202-101 NUTRITION & MAN

SECOND FIVE-WEEK TERM

HEC -2000-101 CONSUMER TEXTILES

HEC -2000-201 LABORATORY

HEC -4000-101 TEX MERCH: APPAREL FURN

rary nutritional issue to include: overweight; malnutrition; health, natural and organic foodstuffs; athletics' diets; and nutrient requirements throughout life. Emphasis on nutrition consumerism. Lecture three hours.

2204. Advanced Foods and Consumerism/(3 hrs.)

*2204-145, start date: 5/15/89, end date: 6/2/89,
times to be arranged; Binner, E.*

Lab (2204-245), *start date: 5/15/89, end date: 6/2/89,
times to be arranged; Binner, E.; Course
offered for no grade.*

Aesthetics of food as related to family meals; advanced meal management considerations; application of scientific principles in distinctive cuisine; food consumerism. Lecture two hours, laboratory two hours.

Prerequisite: HEC 1202.

4000. Textiles Merchandising: Apparel and Furnishings/(3 hrs.)

*Second 5-Week Term, MTWRF, 8-9:30 am;
Dougherty 208; Staff*

A study of factors influencing the merchandising of textiles for apparel and furnishings. Emphasis on the market structure and major fabric resources for apparel and furnishings. Lecture three hours. **Prerequisite:** HEC 2000.

Hospitality Management

INTERNATIONAL STUDIES ABROAD

HOS -3800-145 LODGING OPERATIONS II

SUMMER SEMESTER

HOS -3900-101 INTERNSHIP

SECOND FIVE-WEEK TERM

HOS -2000-101 SURV HOSPITALITY INDUST

2000. Survey of Hospitality Industry/ (3 hrs.)

*Second 5-Week Term, MTWRF, 8:30-10:00 am;
Walker 202; MacAulay, J.*

A survey of the history, likely direction, and organizational structure of the hospitality industry and the place of this industry in the local and national economy. Some study of the problems originating in the operation and administration of various segments of the hospitality industry will be introduced.

3800. Lodging Operations II/(3 hrs.)

*3800-145, start date: 5/15/89, end date: 6/2/89,
times to be arranged; Glover, J.*

This course is designed to provide the student with knowledge of lodging operations, which include hotels, cruise ships, resorts, motels, conference centers, casino hotels, and recreational parks. Lodging operations will be analyzed from a systems perspective, with particular focus on operational standards, technology, and organizational culture. Case studies will be presented to illustrate issues and problems of operations and functional areas of properties such as marketing, rooms division, engineering, accounting, human resources, security, and food and beverage. Additional texts, guest speakers, articles, and job standards will provide additional resources which focus on lodging operations. **Prerequisite:** RHM 2000 and admission to the College of Business.

3900. Internship/(6 hrs.)

*Summer Semester, times to be arranged; Glover, J.
Course offered for Satisfactory/Unsatisfactory only.*

A full-time work experience in the hospitality industry, usually limited to College of Business majors. **Prerequisite:** Admission to the College of Business, and permission of department chairperson and internship coordinator. Graded on an S/U basis.

1989 Summer Sessions Calendar

Summer Semester May 29 - August 11

1st 5-Week Term
May 29 - June 30

4-Week Term
June 12 - July 7

1st 3-Week Term
June 19 - July 7

1st 2 - Week Term
June 26 - July 7

2nd 5-Week Term
July 10 - August 11

2nd 3 - Week Term
July 10 - July 28

2nd 2 - Week Term
July 10 - July 21

Human Development & Psychological Counseling

3530. Focus on Families/(3 hrs.)

*Start date: 6/26/89, end date: 6/30/89,
8:30 am-5:00; Staff.*

*Follow-up session on July 15; coourse offered
for Satisfactory/Unsatisfactory only.*

3531. Analytical/Jungian Psychology/ (2 hrs.)

*Start date: 6/14/89, end date: 7/5/89,
times to be arranged; Padgett, H.*

*This class will also meet for pre-and post-seminar.
Class will be taught in Switzerland.*

3532. Life and Times of C.G. Jung/ (2 hrs.)

*Start date: 6/14/89, end date: 7/5/89,
times to be arranged; Padgett, H.*

*This class will also meet for pre-and post-seminar.
Class will be taught in Switzerland.*

4570. The Addictive Process/(3 hrs.)

*4-Week Term, MTWRF, 8-10:00 am;
Chapell Wilson 210; Greene, J.*

An examination of sociological and psychological contributants to alcohol and drug addiction and abuse in our society. The addictive process and its impact on the individual and society are described, as well as treatment and preventive program efforts. Students will also examine their own feelings and attitudes about alcohol and drugs use and abuse.

SPECIAL COURSE OFFERINGS

HPC -3530-101 FOCUS ON FAMILIES
HPC -4790-101 GROUP METH & PROCESSES
HPC -4840-101 HUMAN REL & INTERACTION
HPC -4840-102 HUMAN REL & INTERACTION
HPC -5140-101 PSYCHOL & EDUC TESTING
HPC -5210-101 LIFE/CAR PLAN: INF & SK
HPC -5539-101 COUN A SPIRITUAL FOCUS
HPC -5540-101 ELEM/MIDDLE SCH COUNSEL
HPC -5546-101 DEPRESS & EATING DISORD
HPC -6530-101 FOCUS ON FAMILIES

INTERNATIONAL STUDIES ABROAD

HPC -3531-145 ANALYTICAL/JUNGAN PSYCH
HPC -3532-145 LIFE & TIMES C.G. JUNG
HPC -6531-145 ANALYTICAL/JUNGAN PSYCH
HPC -6532-145 LIFE & TIMES C.G. JUNG

SUMMER SEMESTER

HPC -5900-101 PRACTICUM IN STUDENT DEV
HPC -6900-101 INTERN IN AGENCY COUNSEL
HPC -6900-121 INTERN IN STUDENT DEV

FOUR-WEEK TERM

HPC -4570-101 THE ADDICTIVE PROCESS
HPC -4790-101 GROUP METH & PROCESSES
HPC -5220-101 COUNSEL THEO & TECHNIQ
HPC -5750-101 LEGAL & ETHICAL ISSUES

4790. Group Methods and Processes/ (3 hrs.)

*Sec.. 101: Start date: 7/10/89, end date: 8/4/89
MTWRF, 8-10:00 am; Duncan 224; Mulgrew, J.*

*4-Week Term, MTWRF, 1-4:00 pm;
Duncan 225; Harrill/Mulgrew*

A study of group dynamics, experimentation in groups, leadership roles, and applicabilities to other settings.

4840. Human Relations and Interaction/ (3 hrs.)

Sec.. 101: **Start date:** 5/29/89, **end date:** 6/16/89
MTWRF, 10:00 am-1:00 pm; Duncan 224; Baruth, L.

Sec. 102: **Start date:** 7/10/89, **end date:** 8/4/89
MTWRF, 8-10:00 am; Duncan 200; Sack, R.

Examines the key elements in effective interpersonal communication. Students will be exposed to one or more human relations models that are designed to improve their communication skills, such as Carkhuff/ Gazda scales, Parent Effectiveness Training, Teacher Effectiveness Training, Transactional Analysis, values clarification, psychodramatic techniques, ect. Emphasis will be given to applying constructive methods of human relations in a variety of settings including business, schools, and social service agencies.

5140. Psychological and Educational Testing/ (3 hrs.)

Start date: 7/10/89, **end date:** 8/4/89
MTWRF, 10:10 am-12:10 pm; Duncan 200; Hubbard, G.

A study of representative psychological and educational tests/inventories including the rationale which underlies testing. **Prerequisite:** FDN 4600 or previous course in statistics.

5210. Life/Career Planning: Information and Skills/ (3 hrs.)

Start date: 7/10/89, **end date:** 8/4/89
MTWRF, 12:20-2:20 pm; Duncan 200; Paisley, P.

Assists counselors and others in various work settings to attain knowledge and skills essential in helping individuals to consider possible careers and life style options. Approaches to career development, sources of informational materials, and the life planning needs of particular clientele are emphasized.

5220. Counseling Theory and Techniques/ (3 hrs.)

4-Week Term, MTWRF, 10:10 am-12:10 pm;
Duncan 225; Harrill, J.

Several selected theories of counseling will be studied in depth, emphasizing primary sources. Other theories will be studied,

giving breadth to this area of knowledge. Interrelationships of personality development, learning and "problems" will be stressed.

5539. Counseling With a Spiritual Focus/ (1 hr.)

Start date: 6/19/89, **end date:** 6/22/89
MTWR, 1:30 -4:50 pm; Duncan 200; Badders, F.

This workshop/seminar will allow participants (practicing counselors, students, and other interested persons) to discuss perspectives on and selected issues in counseling and working with persons from a religious/spiritual focus. Potential benefits and problems of responding to or incorporating religious/theology in a counseling (or other related "helping" profession) setting will be explored. Various factors/issues/models will be considered dependent upon needs and interest of participants. For those who have had a related course on or extensive introduction to this topic may wish to take only part of the workshop. Section.

5540. Elementary Middle School Counseling Programs/ (1 hr.)

Start date: 7/15/89, **end date:** 7/22/89
S, 8:30 am-4:30 pm; Duncan 200; Paisley, P.

This course/workshop will provide a framework for developing a balanced and comprehensive school counseling program; practical ideas and resources for use in program development; and an opportunity for interaction with other professionals. Some sessions will include all institute participants but most sessions will be separate for elementary and middle grade participants. Specific topics, focused on the specific age group, will include the needs and characteristics of children and adolescents, individual counseling, small group counseling, classroom guidance, peer facilitator programs, consultation, coordination and research/program evaluation. Facilitators will include specialists in both elementary and middle grades.

5546. Depression and Eating Disorders/(2 hrs.)

*Start date: 7/11/89, end date: 7/28/89
MTWRF, 2:30 -4:30 pm; Duncan 200; Hubbard, G.*

Designed for counselors, teachers, and others in the helping professions, this course will provide opportunities for students to: (1) Read and discuss literature presenting research, intervention approaches, and outcome of these approaches; (2) Practice role-playing various intervention strategies; and (3) Develop a preferred approach for dealing with people who are experiencing depression and/or eating disorders.

5750. Legal and Ethical Issues in Counseling and Student Development/(3 hrs.)

*4-Week Term, MTWRF, 10:10 am-12:10 pm;
Duncan 200; Badders, F.*

A study of current legal and ethical issues confronting the counselor, teacher, administrator, and other student development specialists. Topics include tort liability, confidentiality, privacy, libel and slander, due process, and other important concepts and actions resulting in legal and ethical questions.

5900. Practicum In Student Development/(2 hrs.)

*Summer Semester, times to be arranged; Badders, F.
Course offered for Satisfactory/Unsatisfactory only.*

An opportunity for on the job observation which provides an overview of student development/student personnel functions either on the ASU campus or in an area post-secondary institution. Open only to student development majors. **Prerequisite:** To be taken concurrent with or subsequent to HPC 5410; and prior approval of department chairperson.

6530. Focus on Families/(3 hrs.)

*Start date: 6/26/89, end date: 6/30/89,
8:30 am-5:00; Graduate Staff.
Follow-up session on July 15; course offered
for Satisfactory/Unsatisfactory only.*

6531. Analytical/Jungian Psychology/(2 hrs.)

*Start date: 6/14/89, end date: 7/5/89,
times to be arranged; Padgett, H.*

*This class will also meet for pre-and post-seminar.
Class will be taught in Switzerland.*

6532. Life and Times of C.G. Jung/(2 hrs.)

*Start date: 6/14/89, end date: 7/5/89,
times to be arranged; Padgett, H.*

*This class will also meet for pre-and post-seminar.
Class will be taught in Switzerland.*

6900. Internship In Agency Counseling/(6 hrs.)

*Summer Semester, times to be arranged; Sack, T.
Special course fees are \$3.00 per hour. Course offered
for Satisfactory/Unsatisfactory only.*

On-the-job experience will be emphasized through placement of students in appropriate human service agencies. Includes practice in the counseling and other helping skills used in various agencies. Available primarily for Agency Counseling majors. **Prerequisite:** HPC 5120, 5220, 5900 and prior approval of department chairperson.

6900-121. Internship in Student Development/(4 hrs.)

*Summer Semester, times to be arranged; Badders, F.
Special course fees are \$3.00 per hour. Course offered
for Satisfactory/Unsatisfactory only.*

On-the-job experience will be emphasized through placement of students in specific student development functions/offices either on the ASU campus or in an area post-secondary institution. This full time experience will provide an opportunity for both observation and participation. Certain assistantship and other regular work experience may be considered as appropriate settings. Available primarily for student development majors. **Prerequisite:** HPC 5410, 5900 and prior approval of department chairperson.

Industrial Education & Technology

FIRST FIVE-WEEK TERM

IET -1001-101 TECHNICAL DRAFTING I
IET -1106-101 INTRO TO INDUST CRAFTS
IET -2001-101 TECHNICAL ILLUSTRATION
IET -2116-101 CERAMIC TECHNOLOGY
IET -2803-101 INTRO IND APPLIC/CMPTRS
IET -3042-101 COLD TYPE COMPOSITION
IET -4001-101 FUNDA CMPTR-AID DRAFT/DS
IET -4576-101 PROD TECH INDUST CRAFTS
IET -5909-101 CMPTR USE IND RSRCH DEV

FOUR-WEEK TERM

IET -5530-101 STAFF DEV FOR VOC EDUC
IET -5531-101 PLANNING VOC PROGRAM
IET -5533-101 OCC ED LABS/MIDDLE GR
IET -5534-101 VOC JOB ANALYSIS
IET -5537-101 OCCUPATIONAL INFORMATN
IET -5540-101 INST MATERIALS/DEVICES
IET -5543-101 MIDDLE GRADE OCCUP ED

SECOND FIVE-WEEK TERM

IET -1001-101 TECHNICAL DRAFTING I
IET -2001-101 TECHNICAL ILLUSTRATION
IET -2803-101 INTRO IND APPLIC/CMPTRS
IET -3039-101 MATERIALS
IET -3042-101 COLD TYPE COMPOSITION
IET -3807-101 INDUST MAINT & SAFETY
IET -4001-101 FUNDA CMPTR-AID DRAFT/DS
IET -4629-101 SAF & MGT VOC & IND EDU
IET -5909-101 CMPTR USE IND RSRCH DEV

1001. Technical Drafting I/(3 hrs.)

*First 5-Week Term, MTWRF, 10:00 am-12:15 pm;
Scott 212; Land, M.*

*Second 5-Week Term, MTWRF, 10:00 am-12:20 pm;
Scott 212; Land, M.*

Fundamentals of technical drafting including: lettering, sketching, instrument techniques, views and orthographic projection, pictorial drawing, dimensions, sections, and plan analysis. Lecture two hours, laboratory two hours.

1106. Introduction to Industrial Crafts/(3 hrs.)

*First 5-Week Term, MTWRF, 1-3:20 pm;
Scott 40; Reichard, E.*

An introduction to the materials, processes and techniques used in the design and construction of industrial craft products. Units covered will include an overview of ceramic, leather and non-ferrous metal technology. Lecture two hours, laboratory two hours.

2001. Technical Illustration/(3 hrs.)

*First 5-Week Term, MTWRF, 10:00 am-12:15 pm;
Scott 212; Land, M.*

*Second 5-Week Term, MTWRF, 10:00 am-12:20 pm;
Scott 212; Land, M.*

Techniques of pictorial illustration including: sketching; inking and shading; airbrush techniques; and finished illustrations. Lecture two hours, laboratory two hours.
Prerequisite: IET 1001 or 1011.

2116. Ceramic Technology/(3 hrs.)

*First 5-Week Term, MTWRF, 1-3:20 pm;
Scott 40; Reichard, E.*

Exploratory experiences with ceramic materials that emphasize the application and forming processes for industrial use. Specific areas covered are: materials, construction, jiggering, slip casting, molding, tech glazing, kilns, and firing tech. Lecture two hours, lab two hours.

2803. Introduction to Industrial Application of Computers/(3 hrs.)

*First 5-Week Term, MTWRF, 8-9:50 am;
Scott 11; Rapp, A.*

*Second 5-Week Term, MTWRF, 8-9:50 am;
Scott 11; Estepp, M.*

An introduction to industrial application of mainframe and microcomputers; to include BASIC programming, an overview of machine codes, input/output devices, and common industrial applications such as computer-aided drafting (CAD) and manufacturing (CAM). Lecture two hours, lab two hours.

3039. Materials/(3 hrs.)

*Second 5-Week Term, MTWRF, 1-2:50 pm;
Scott 07; Williams*

The structure, characteristics, testing, and application of typical industrial materials. This course also includes the examination of strength of materials as it applies to manufacturing and production techniques. Lecture two hours, lab two hours.

3042. Cold Type Composition/(3 hrs.)

*First 5-Week Term, MTWRF, 1-2:50 pm;
Scott 11; Holmes, J.*

*Second 5-Week Term, MTWRF, 1-2:50 pm;
Scott 11; Holmes, J.*

The study of composing equipment, materials, and processes used in the printing and publishing industry. The course includes hands, mechanical and photocomposition techniques as well as desktop publishing. Lecture two hour, lab two hours.

3807. Industrial Maintenance and Safety/(3 hrs.)

*Second 5-Week Term, MTWRF, 1-2:50 pm;
Scott 07; Williams*

The study and application of maintenance and safety procedures that relate to manufacturing. Classroom/laboratory problems will include units on state and national safety regulations pertaining to manufacturing, preventive-emergency problems that include: shafts, bearings, belts and pulleys, sharpening and grinding, electrical and

mechanical problems. Lecture two hours, lab two hours. **Prerequisite:** IET 2004 and 2005.

4001. Fundamentals of Computer-Aided Drafting and Design/(3 hrs.)

*First 5-Week Term, MTWRF, 8-9:50 am;
Scott 11; Rapp, A.*

*Second 5-Week Term, MTWRF, 8-9:50 am;
Scott 11; Estepp, M.*

This course focuses on the implementation of commercial computer-aided drafting and design (CADD) systems in a variety of engineering and technical applications. The components, commands, and methods of the CADD system, and hardware and software requirements and evaluation will be covered. Lecture two hours, laboratory two hours. **Prerequisite:** an introductory computer course and technical drafting course, or permission of the instructor.

4576. Production Techniques in Industrial Crafts/(3 hrs.)

*First 5-Week Term, MTWRF, 1-3:15 pm;
Scott 40; Reichard, E.*

An analysis of functional design and production methods used in industrial crafts. Individual projects designed to employ various technical and mechanical methods of production to leather, ceramic, metals and combination of these craft materials. Lecture two hours, lab two hours. **Prerequisite:** IET 2106, 2116, 2126 or permission of instructor.

4629. Safety and Management in Vocational and Industrial Education/(3 hrs.)

*Second 5-Week Term, MTWRF, 1-2:50 pm;
Scott 07; Williams*

Industrial management, safety and maintenance and their effects on vocational and industrial education. Organization for effective and safe maintenance of an occupational laboratory within the confines of OSHA and local regulatory mandates. Lecture three hours.

5530. Staff Development for Vocational Education/(3 hrs.)

4-Week Term, times to be arranged; Graham, W.

Designed for persons entering vocational school administration. Techniques for improving classroom instruction through pre-and-inservice contact.

5531. Planning Vocational Programs/(3 hrs.)

4-Week Term, times to be arranged; Graham, W.

Planning vocational programs within the framework of public education. The role of the vocational advisory committee and the community survey in planning a system-wide program of vocational education.

5533. Occupational Education Labs Course/(3 hrs.)

4-Week Term, times to be arranged; Graham, W.

Exploring typical activities for the fifteen (15) occupational clusters. Applying the occupational theory to an active laboratory situation.

5534. Vocational Job Analysis/(3 hrs.)

4-Week Term, times to be arranged; Graham, W.

The breakdown of jobs and how this affects unit and lesson planning. Job impacts on a changing technological world.

5537. Occupational Information/(3 hrs.)

4-Week Term, times to be arranged; Graham, W.

The importance of occupational information to students counseling and guidance. Sources of occupational information, community surveys, employment trends and employment qualifications are covered.

5540. Instructional Materials and Devices/(3 hrs.)

4-Week Term, times to be arranged; Graham, W.

Instructional devices normally available in the public school. The hardware for teaching technology. The emerging role of the microcomputer.

5543. Principles of Middle Grades Occupational Education/(3 hrs.)

4-Week Term, times to be arranged; Graham, W.

Typical students maturity and capabilities at the middle school/junior high school. The fifteen (15) occupational clusters. The role of occupational education at the middle/junior high school level.

5909. Computer Uses for Industrial Research and Development/(3 hrs.)

*First 5-Week Term, MTWRF, 8-9:50 pm;
Scott 11; Rapp, A.*

*Second 5-Week Term, MTWRF, 8-9:50 pm;
Scott 11; Estep, M.*

A seminar/laboratory course with a common core of technical experiences and topics related to computer applications. Designed to allow for research and development activities as well as individual experimentations within the specific needs of an individual student. Two-hour seminar and two-hours laboratory. **Prerequisite:** IET 1001 and 2803 or equivalents.

Language, Reading, & Exceptionalities

SPECIAL COURSE OFFERINGS

LRE -5111-101 ISSUE TREND PRACT READ
LRE -5531-101 LITERACY INSTRUCT-ADULTS
LRE -5531-102 LITERACY INSTRUCT-ADULTS
LRE -5532-101 ADULT LITERACY INSTRUCT
LRE -5612-451 INFANT/PRESC HNDPC ASSM
LRE -5613-451 INF/PRESCH HANDCP INTERV
LRE -5663-101 STUTTERING
LRE -5666-101 VOICE DISORDERS
LRE -5668-101 LANGUAGE DISORDERS
RE -5672-101 COM MGT SEV/PROF HNDCAP
LRE -5674-101 ADULT LANG DISORDERS

SUMMER SEMESTER

LRE -4564-101 CLINICAL PRACTICUM
LRE -4564-102 CLINICAL PRACTICUM
LRE -4564-103 CLINICAL PRACTICUM
LRE -4564-104 CLINICAL PRACTICUM
LRE -4700-451 INTRO TCH-FAM MODEL
LRE -5100-451 FIELD TR TCH-FAM MODEL
LRE -5101-451 AD FLD TR TCH-FAM MODEL
LRE -5662-101 AURAL REHABILITATION
LRE -5900-101 INTERNSHIP
LRE -5900-102 INTERNSHIP
LRE -5900-103 INTERNSHIP

FOUR-WEEK TERM

LRE -4571-101 INTROD EMOT DISTURB
LRE -4576-101 INTROD TO LEARN DISABL

LRE -4620-101 READ INSTR M/JR & SR HS
LRE -4630-101 READ IN CONTENT AREAS
LRE -4710-101 CLRM DIAG CORRECT READ
LRE -5620-101 MANAG CURR M RETARD ST
LRE -5626-101 ADV STUDIES M RETARD
LRE -5636-101 ADV ST LRN DISABILITIES
LRE -5646-101 ADV STDY EMOT DISTURB
LRE -5648-101 PSYCHOED APP ST EMO DIST

SECOND FIVE-WEEK TERM

LRE -3040-101 CHILDREN'S LITERATURE
LRE -3120-101 LANG ARTS ELEM SCH
LRE -3370-101 INTROD MENTAL RETARDTN
LRE -3900-101 INTERN: PR RDG INST R
LRE -4630-101 READ IN CONTENT AREAS
LRE -4720-101 DIAG & REMEDIAL READ I
LRE -5533-101 MICROCOMPUTER SP ED
LRE -5533-102 MICROCOMPUTER SP ED
LRE -5534-101 THINKING SKILLS HDPC ST
LRE -5535-101 TCHG/MOTIV AT RISK STDNT
LRE -5536-101 ETHICAL ISSUES IN TCHG

SECOND THREE-WEEK TERM

LRE -5612-101 INFANT/PRESC HNDPC ASSM
LRE -5613-101 INF/PRESCH HANDCP INTERV

SECOND TWO-WEEK TERM

LRE -5530-101 STORY TELLING & FOLKLORE

3040. Children's Literature/(4 hrs.)

*Second 5-Week Term, MTWRF, 10:10-11:40 am;
Duncan 223; Naylor*

Survey of literature of the field; criteria for selection and use with children, methods for presenting literature to children.

3120. Language Arts in the Elementary School/(3 hrs.)

*Second 5-Week Term, MTWRF, 10:10-11:40 am;
Duncan 123; Farris*

A study of communication skills; listening, speaking, reading, composition, handwriting, spelling; a comparison of current teach-

ing methods and materials; emphasis on the language arts as the core of the elementary school curriculum.

3370. Introduction to Mental Retardation/(3 hrs.)

*Second 5-Week Term, MTWRF, 8-9:30 am;
Duncan 223; Rau*

A study of individuals who have problems of retardation with regard to characteristics, behavior, and general nature and needs in the home, community, and learning environment.

3900. Principles of Reading Instruction for the Classroom Teacher/ (3 hrs.)

*Second 5-Week Term, MTWRF, 8-9:30 am;
Duncan 123; Farris*

This course is a major professional course which prepares teachers to teach reading in grades K-12. Knowledge objectives of the course focus on the developmental nature of language and reading ability, along with some major issues and instructional materials and practices associated with reading instruction. Performance objectives are designed to develop skills in (1) diagnosing individual differences, (2) setting goals and objectives for reading instruction, (3) evaluating reading behavior, (4) developing instructional strategies, and (5) utilizing resources for reading instruction. (This course may be used to meet certification requirements for teachers in grades K-6, teachers being certified in Special Education, Library and Media Studies, and Speech Pathology and Audiology.)

4564. Clinical Practicum/ (1 hr.)

Summer Semester

Sec. 101: R, 12-12:50 pm; Duncan 120; Harris

Sec. 102: R, 12-12:50 pm; Duncan 120; Lieberman

Sec. 103: R, 12-12:50 pm; Duncan 120; Hutchinson

Sec. 104: R, 12-12:50 pm; Duncan 120; Staff

Special course fees are \$3.00 per hour. Course offered for Satisfactory/Unsatisfactory only.

Supervised clinical practicum in evaluation and therapy techniques in speech pathology and audiology. For each semester hour of credit, forty-five clock hours of practicum experience are required. May be repeated for a total of 6 s.h.. **Prerequisite:** Approval of department chairperson. Graded on S/U basis only. Required of all students. (Meets ASHA B-8).

4571. Introduction to Emotional Disturbance/ (3 hrs.)

*4-Week Term, MTWRF, 10:10 am-12:10 pm;
Duncan 223; Tompkins*

An introductory course in the education of the emotionally handicapped child. Em-

phasis will be placed upon the psychological, sociological, and educational implications in the education of emotionally handicapped children.

4576. Introduction to Learning Disabilities/ (3 hrs.)

*4-Week Term, MTWRF, 2:30 pm-4:30 pm;
Duncan 223; Swem/Pace*

The identification and education of youth with learning disabilities, including programs, teaching strategies and theories.

4620. Reading Instruction in the Middle/Junior and Senior High School/ (3 hrs.)

*4-Week Term, MTWRF, 10:10 am-12:10 pm;
Duncan 123; Moorman*

In addition to covering the content and skills presented in LRE 4630, this course covers the following: (1) the developmental reading program, (2) organizing and administering the high school reading program, (3) reading interests and tastes, (4) providing reading instruction for special groups, (5) meeting needs of the individual reader.

4630. Reading in the Content Areas/ (2 hrs.)

*4-Week Term, MTWRF, 2:30 -4:30 pm;
Duncan 123; Moorman*

*Second 5-Week Term, MTWRF, 10:10 -11:40 am;
Duncan 224; Childress*

This course prepares content area teachers to utilize reading as an instructional process in their classrooms. In addition reading is used to gain perspective on broader learning processes. Course topics include: (1) Classroom assessment procedures, including textbook evaluation and selection, and classroom diagnostic techniques. (2) Accommodating individual differences. (3). General lesson and unit planning strategies. (4) Focused instructional strategies, which include specific teaching activities for reading and learning. (This course may be used to meet certification requirements for special subjects teachers in grades 7-12

to teach subjects such as: English, Social Studies, Math, Science, Biology, Health and Physical Education, Sociology, Geography, Drivers Education, Business, Music, Art, Foreign Language, and so on.)

4700. Introduction to the Teaching-Family Model/(3 hrs.)

Summer Semester, times to be arranged; Davis, J.

An introduction to the philosophy and implementation of the Teaching-Family Model treatment approach. Emphasis will be placed on meeting the needs and remediating problems of the emotionally disturbed and delinquent youth.

4710. Informal Classroom Diagnosis and Corrective Reading Communication/(3 hrs.)

*4-Week Term, MTWRF, 8-10:00 am;
Duncan 126; Parker*

Prepares students to administer and interpret commonly used informal reading tests and other instruments in order to plan effective classroom instruction for remedial, developmental and gifted pupils. **Prerequisites:** LRE 3900, 4591, 4620 or 4670.

4720. Diagnostic and Remedial Reading I/(3 hrs.)

*Second 5-Week Term, MTWRF, 8-9:30 am;
Duncan 331; Towell*

The course deals with commonly used reading tests and how to locate causes of reading difficulties and to prescribe corrective procedures for the severely disabled reader. **Prerequisite:** LRE 3900, 4710, 4620 or 4591.

5100. Field Training in the Teaching-Family Model/(3 hrs.)

Summer Semester, times to be arranged; Davis, J.

A field oriented course involving supervised implementation of the Teaching Family Model treatment approach. Evaluations by both consumers and professionals in the field will be utilized as part of the training sequence.

5101. Advanced Field Training in the Teaching-Family Model/(3 hrs.)

Summer Semester, times to be arranged; Davis, J.

This field oriented course is offered for those successfully completing the perquisite filed training course. The course is aimed at helping the student refine and modify his/her use of the Teaching Family Model Treatment program. **Prerequisite:** 5100.

5111. Issues, Trends and Practices in Reading/(3 hrs.)

*Start date: 7/17/89; end date: 8/4/89
MTWRF, 1-4:00 pm; Duncan 123; Childress*

Provides students with an in-depth study of significant issues, trends, and practices in reading at all educational levels. The course is designed to deal with questions and problems of the type facing key teachers, supervisors, and administrators. Because the course is concerned with current trends and issues, it is assumed that the course will undergo periodic changes in terms of what is current.

5530. Storytelling and Folklore/(2 hrs.)

*Second 2-Week Term, MTWRF, 1-4:00 pm;
Duncan 223; Naylor*

Historical review of the oral tradition of folklore and storytelling. Storytelling techniques will be introduced and practiced. Students will exit course with a repertoire of stories.

5531. Literacy Institute/(3 hrs.)

*Sec. 101: Start date: 5/22/89; end date: 5/26/89
8:00 am-4:00 pm; Duncan 03; Parker, G.*

*Sec. 102: Start date: 5/22/89; end date: 5/26/89
8:00 am-4:00 pm; Duncan 03; Childress, W.*

Interpersonal, diagnostic, instructional, and evaluation considerations when teaching reading, writing, and math to undereducated adults in community college Adult Basic Education programs.

5532. Adult Literacy Instruction/(3 hrs.)

*Start date: 6/19/89; end date:6/30/89
1-4:00 pm; Duncan 126; Parker*

Developing reading skills for the adult learner and assessing reading needs in Adult Basic Education programs.

5533. Microcomputer in Special Education/(3 hrs.)

*Second 5-Week Term
Sec. 101: MTWRF, 10:10-11:40 am; Duncan 216; Swem
Sec. 102: MTWRF, 2:30-4:00 pm; Duncan 216; Swem*

Utilization of computer assisted instruction and computer managed instruction with special needs learners.

5534. Thinking Skills for the Handicapped/(3 hrs.)

*Second 5-Week Term, MTWRF, 10:10-11:40 am;
Duncan 313; Thompson*

Focus is on making thinking skills part of the curriculum for handicapped students. Special attention is given to metacognition, critical and creative thinking, thinking processes and skills, and the relationship of knowledge to thinking.

5535. Teaching/Motivate at Risk Students/(3 hrs.)

*Second 5-Week Term, MTWRF, 8-9:30 am;
Duncan 225; Thompson*

Common characteristics of students who are academically at risk are examined. Teaching and motivational strategies that influence learning are described and evaluated.

5536. Ethical Issues in Teaching/(3 hrs.)

*Second 5-Week Term, MTWRF, 2:30-4:00 pm;
Duncan 316; Pace*

Examination of ethical issues involved in the teaching process, e.g., grading, discipline, classroom organization, multicultural concerns. Case study format emphasized.

5612. Infant/Preschool Handicapped Assessment/(3 hrs.)

*Start date: 6/13/89; end date:6/30/89
times to be arranged; Miller. This class is being taught
at Western Carolina Center in Morganton.*

*Also offered Second 3-Week Term, MTWRF,
9:30 am-12:30 pm; Duncan 225; Miller*

Strategies and techniques for assessing handicapped infants, young children, and their families and communities are addressed.

5613. Infant/Preschool Handicapped Intervention/(3 hrs.)

*Start date: 6/13/89; end date:6/30/89
times to be arranged; Graduate Staff. This class is being
taught at Western Carolina Center in Morganton.*

*Also offered Second 3-Week Term, MTWRF,
1:30-4:30 pm; Duncan 225; Miller*

Development and implementation of intervention and family support programs for handicapped infants and young children.

5620. Managing Curriculum for Mentally Retarded Students in Special and Regular Settings/(3 hrs.)

*4-Week Term, MTWRF, 2:30-4:30 pm;
Duncan 224; Blanton*

The in-depth study of curriculum design and management for mildly and moderately mentally retarded students in special and regular classroom settings, from preschool through secondary levels.

5626. Advanced Studies in Mental Retardation/(3 hrs.)

*4-Week Term, MTWRF, 10:10 am-12:10 pm;
Duncan 316; Blanton*

An advanced seminar on mental retardation issues and topics involving the interpretation and application of theory and research. Emphasis is placed on reading and recent experimental research focusing specifically on history, etiology, learning theories, characteristics, nature-nuture controversy, the severely and profoundly retarded, and current trends and issues.

5636. Advanced Student Learning Disabilities/(3 hrs.)

*4-Week Term, MTWRF, 10:10 am-12:10 pm;
Duncan 318; Pace*

Current issues, trends, and research in the field of learning disabilities.

5646. Advanced Study Emotionally Disturbed/(3 hrs.)

*4-Week Term, MTWRF, 10:10 am-12:10 pm;
Duncan 223; Tompkins*

Current issues, trends, and research in the education of emotionally disturbed children.

5648. Psychoeducational Approaches to Emotional Disturbances/(3 hrs.)

*4-Week Term, MTWRF, 2:30-4:30 pm;
Duncan 328; Tompkins*

Development and implementation of psychoeducational treatment approaches to childhood emotional disturbances.

5662. Aural Rehabilitation/(3 hrs.)

*Summer Semester, MTW, 12-1:40 pm;
Duncan 120; Meador*

Studies of the habilitaion of the perschool and school age hearing impaired. Emphasis on prescriptive and resource curricular management includes advanced audition, training and speech reading methods. Survey of hearing-aid orientation and monitoring techniques. (Meets ASHA B3).

5663. Stuttering/(4 hrs.)

*Start date: 6/12/89; end date: 8/4/89
MWF, 1-2:40 pm; Duncan 327; Culatta*

Concentrated studies of the biological, physiological and psychological theories and the etiologies, evaluations and habilitation of stuttering and allied fluency disorders. (Meets ASHA B-2).

5666. Voice Disorders/(3 hrs.)

*Start date: 6/12/89; end date: 8/4/89
MWF, 3-4:40 pm; Duncan 120; Harris*

Study of the biological and physiological theories related to the etiology, evaluation and habilitation of voice. (Meets ASHA B-3).

5668. Language Disorders/(3 hrs.)

*Start date: 6/12/89; end date: 8/4/89
MWF, 10-11:40 am; Duncan 120; Lieberman*

Linguistic theory and its application to persons with disorders of language. (Meets ASHA B-3).

5672. Communication Management Severely/Profund Handicapped/(3 hrs.)

*Start date: 6/4/89; end date: 8/9/89
T, 2-5:00 pm; Duncan 329; Staff*

Techniques in augmentative communication with the severely handicapped.

5674. Adult Language Disorders/(3 hrs.)

*Start date: 6/12/89; end date: 8/4/89
MWF, 8-9:40 pm; Duncan 120; Hutchinson*

A study of the management of language disorders in adults.

5900. Internship/(3-12 hrs.)

Sec. 101: (3 hrs.), times to be arranged; Marlowe

Sec. 102: (6 hrs.), times to be arranged; Graduate Staff

Sec. 103: (12 hrs.), times to be arranged; Graduate Staff

Special course fees are \$3.00 per hour. Course offered for Satisfactory/Unsatisfactory only.

Supervised experience with exceptional persons. Graded on S/U basis only. (Meets ASHA B-8). **Prerequisite:** Permission of advisor.

Leadership & Higher Education

SPECIAL COURSE OFFERINGS

LHE -5250-101 CONFLICT MGT IN ED ADM
 LHE -5534-101 INDIVIDUALIZED INSTRUCT
 LHE -5535-101 COUNSEL & ACAD INTERVENT
 LHE -5537-101 PROGRAM EVALUATION
 LHE -5600-102 SCHOOL LAW
 LHE -5700-101 EDUCATIONAL LEADERSHIP
 LHE -5870-101 SCH ADMIN & CONTEMP SOC
 LHE -5900-101 HIGHER ED INTERN/FLD S
 LHE -6050-101 SEM IN SCHOOL SUPERV
 LHE -6300-101 PERSONNEL ADMIN IN EDUC
 LHE -6530-101 ADVANCED CURRICULUM
 LHE -6600-102 SEM IN LEGAL PROBLEMS
 LHE -6900-101 HIGHER ED INTERN/FLD S
 LHE -6900-103 HIGHER ED INTERN/FLD S
 LHE -6900-104 HIGHER ED INTERN/FLD S
 LHE -6900-105 HIGHER ED INTERN/FLD S
 LHE -6900-106 HIGHER ED INTERN/FLD S
 LHE -6900-107 HIGHER ED INTERN/FLD S
 LHE -6900-108 HIGHER ED INTERN/FLD S

SUMMER SEMESTER

LHE -4900-101 INTERNSHIP
 LHE -4970-101 SEM: COMM & TECH COL
 LHE -5900-102 ADM & SUPV INTERN FLD S
 LHE -6900-102 ADM & SUPV INTERN/FLD S

FIRST FIVE-WEEK TERM

LHE -5539-101 MICROCOMPUTERS SCH ADMIN
 LHE -5600-101 SCHOOL LAW
 LHE -6600-101 SEM IN LEGAL PROBLEMS

FOUR-WEEK TERM

LHE -5900-103 HIGHER ED INTERN/FLD S
 LHE -5900-104 HIGHER ED INTERN/FLD S
 LHE -5900-105 HIGHER ED INTERN/FLD S
 LHE -6900-109 HIGHER ED INTERN/FLD S
 LHE -6900-110 HIGHER ED INTERN/FLD S
 LHE -6900-111 HIGHER ED INTERN/FLD S

SECOND FIVE-WEEK TERM

LHE -6534-101 SEM COLL/UNIV ADM HIS TR
 LHE -6631-101 TCHG LRNG POST-SEC EDUC
 LHE -6650-101 SEM IN POST-SEC EDUC

4900. Internship/(6 hrs.)

*Summer Semester, times to be arranged; Bolick, G.
 Special course fees are \$3.00 per hour. Course offered
 for Satisfactory/Unsatisfactory only.*

4970. Seminar on Community and Technical Colleges/(3 hrs.)

Summer Semester, times to be arranged; Bolick, G.

Study and analysis of teaching, administrative, planning and leadership problems and issues related to community colleges, technical colleges, and technical institutes. Research of recent trends of two year colleges are studied. This course is also designed to complement the internship by assisting the students with course planning and development.

5250. Conflict Management in Educational Administration/(3 hrs.)

*Start date: 6/14/89, end date: 7/1/89
 WF, 5-9:00 pm; S, 8:00 am-3:00 pm; Duncan 318; Wilson,
 H. First class meeting: 6/14-17. Meets 3 Wednesdays
 and 3 weekends. Consult the professor.*

Sources of conflict for the administrator are analyzed including communications and professional negotiations. Emphasis is placed on basic problem solving techniques.

5534. Individualized Instruction/(2 hrs.)

*Start date: 7/24/89, end date: 7/28/89
 MTR, 9:00 am-4:30 pm; WF, 9:00 am-12:00 noon; Duncan
 Octagon 03; Boylan, H. Enrollment by permission.
 Consult the professor.*

5535. Counseling and Academic Intervention/(2 hrs.)

Start date: 7/17/89; **end date:** 7/21/89
MTR, 9:00 am-4:30 pm; WF, 9:00 am-12:00 noon; Duncan Octagon 03; Boylan, H. Enrollment by permission. Consult the professor.

5537. Program Evaluation/(2 hrs.)

Start date: 7/10/89; **end date:** 7/14/89
MTR, 9:00 am-4:30 pm; WF, 9:00 am-12:00 noon; Duncan Octagon 03; Boylan, H. Enrollment by permission. Consult the professor.

5539. Micro Computers In Education/(3 hrs.)

*First 5-Week Term, TR, 5-9:00 pm;
 Duncan 215; Jenkins, K.*

This course introduces basic terminology and concepts of computer systems, the history of computer technology, and various administrative applications of computers with respect to educational settings. The primary objective of this course is to provide graduate students with opportunities to gain experience in various common computer applications in educational administration.

5600. School Law/(3 hrs.)

Start date: 5/17/89; **end date:** 7/1/89
W, 5-9:00 pm; Duncan 316; Hall, R. First class meeting: 5/17. Meets 4 Wednesdays and 3 weekends. Enrollment by permission of the professor. Some meetings off-campus.

*Also offered First 5-Week Term, MR, 5-9:00 pm;
 Duncan 316; Hall, R.*

A study of the fundamental principles underlying the relationship of the state to education and the laws which are applicable to practical problems of school organization and administration.

5700. Educational Leadership/(3 hrs.)

Start date: 7/3/89; **end date:** 7/7/89
*MTR, 9:00 am-4:30 pm, WF, 9:00 am-12:00 noon;
 Duncan Octagon 03; Spann, M.
 Enrolment by permission of the professor.*

A study of the process of leadership with activities designed to improve skill in planning, decision-making, organizing, communicating, and evaluating. Research on leadership and the processes of implementing change will be analyzed.

5870. School Administrator in Contemporary Society/(3 hrs.)

Start date: 5/31/89; **end date:** 7/8/89
Location to be arranged: Wilson, H
Will meet according to the following schedule:

Wednesday, 5/31 6-9:00 pm
 Friday, 6/2 6-9:00 pm
 Saturday, 6/3 8:00 am-1:00pm
 Wednesday, 6/7 6-9:00 pm
 Friday, 6/9 6-9:00 pm
 Saturday, 6/10 8:00 am-1:00 pm
 Thursday, 7/6 8:30 am-5:30 pm
 Friday, 7/7 8:30 am-5:30 pm
 Saturday, 7/8 8:30 am-4:30 pm

This class will be taught July 6,7 & 8 in conjunction with the Willard Fox Symposium.

Current issues in school leadership. One hour presentation and two hour discussion each A.M. and P.M. Those students wishing 3 hours of credit will be required to do a research paper on one of several topics. Target audience: graduate students, faculty of the College and University, public school administrators, public school teachers, public officials and general public.

5900. Higher Education Internship/Field Study/(2-8 hrs.)

*Sec. 101 (3 hrs.): Start date: 5/13/89; end date: 6/3/89
 Times to be arranged; Kussrow, P.*

Summer Semester

Sec. 102 (6 hrs.): Times to be arranged; Hall, R.

4-Week Term:

Sec. 103 (2 hrs.), Times to be arranged; Jackson, J.

Sec. 104 (3 hrs.), Times to be arranged; Jackson, J.

Sec. 105 (4 hrs.), Times to be arranged; Jackson, J.

Special course fees are \$3.00 per hour.
*Course offered for Satisfactory/Unsatisfactory only.
 Enrolment by permission of the professor.*

Supervised experiences of teaching and/or administration under the direction of competent personnel or study of problems in postsecondary educational institutions or other appropriate agencies. Offered on S/U basis for M.A. degree students.

6050. Seminar in School Supervision/(2 hrs.)

Start date: 7/10/89; **end date:** 7/14/89
*MTWRF, 9:00 am-12:00 pm, 1-4:00 pm;
 Duncan 02; Jenkins, K.*

A course for students preparing for positions as general county or city school supervisors. Includes methods of evaluating staff

and the planning of staff development programs for the improvement of instruction.

6300. Personnel Administration in Education/(3 hrs.)

Start date: 5/19/89, end date: 7/1/89

F, 5-9:00 pm; S, 8:00 am-1:00 pm;

Duncan 317; Jenkins, K.

Meets on weekends. First meeting 5/19-20.

This course will provide the student with a broad array of tools for administering the human resources in a school or school system. Particular attention will be paid to issues such as tenure, grievances, evaluation, interviewing, and recruitment. Appropriate statutory law will be examined.

6530. Advanced Seminar in Curriculum/(3 hrs.)

Start date: 6/1/89, end date: 7/1/89

F, 5-9:00 pm; S, 8:00 am-1:00 pm;

Duncan 316; Bentley, C. Meets on weekends. First

meeting 6/1-2. Some meetings off-campus.

Consult Dr. Ralph Hall.

This seminar is designed to provoke insightful thinking about some of the cutting edge issues in the field of curriculum and instruction. As senior administrators, students who take this course are presumed to need intellectual renewal for an aspect of schooling that tends to be taken for granted. Students are to leave the course more thoughtful about the premises upon which curricula are based.

6534. Seminar for College/University Administrators/(3 hrs.)

Second 5-Week Term, MTWRF, 2:30-4:40 pm;

Duncan 317; Jackson, J.

On Demand. A study of the major periods of college and university administration including European and American examples to current times. Events, decisions, and outcomes will be examined for indication leading toward future trends in college administrative styles and organizational structures.

6600. Seminar in Legal Problems/(3 hrs.)

Start date: 5/17/89; end date: 7/1/89

W, 5-9:00 pm; S, 8:00 am-1:00 pm;

Duncan 316; Hall, R. Meets 4 Wednesdays and 3 weekends. First meeting 6/17. Some meetings off-campus. Enrollment by permission of the professor.

Also offered First 5-Week Term, MR, 5-9:00 pm;

Duncan 316; Hall, R.

Current legal issues and problems related to organization and administration of public and private educational institutions.

6631. Teaching and Learning in Post-secondary Education/(3 hrs.)

Second 5-Week Term, MTWRF, 10:10 am-12:20 pm;

Duncan 329; Chimeme, D.

An in-depth study of learning concepts with implications for instructional models. Special emphasis is given to the process of structuring learning experiences. **Prerequisite:** LHE 5440 or 5630 or consent of advisor.

6650. Seminar in Postsecondary Education/(3 hrs.)

Second 5-Week Term, MTWRF, 10:10 am-12:20 pm;

Duncan 317; Jackson, J.

To provide an opportunity in which the student can integrate the knowledge and skills gained in the program of study. This is a summative experience which is designed to be incorporated toward the end of the graduate program and will emphasize the personal and professional development of post-secondary personnel. **Prerequisite:** LHE 6631, FDN 5861 or consent of advisor.

6900. School Administration and Supervision Internship/Field Study/(2-6 hrs.)

Summer Semester

Sec. 102 (6 hrs.): Times to be arranged, Hall, R. Special course fees are \$3.00 per hour. Course offered for Satisfactory/Unsatisfactory only.

Supervised experiences of leadership and management under the direction of competent personnel or study of problems in a public school, public school system, or other appropriate agencies. Offered on S/U basis for Ed.S degree students.

6900. Higher Education Internship/Field Study/(6 hrs.)

Sec. 101 (3 hrs.): **Start date:** 5/13/89, **end:** 6/3/89, Kussrow
 Sec. 103 (2 hrs.): **Start date:** 7/3/89, **end:** 7/28/89, Boylan
 Sec. 104 (2 hrs.): **Start date:** 7/3/89, **end:** 7/28/89, Boylan
 Sec. 105 (2 hrs.): **Start date:** 7/3/89, **end:** 7/28/89, Boylan
 Sec. 106 (2 hrs.): **Start date:** 7/3/89, **end:** 7/28/89, Boylan
 Sec. 107 (2 hrs.): **Start date:** 7/3/89, **end:** 7/28/89, Boylan
 Sec. 108 (2 hrs.): **Start date:** 7/3/89, **end:** 7/28/89, Boylan

Times to be arranged.

4-Week Term

Sec. 109 (2 hrs.): *Times to be arranged; Jackson, J.*

Sec. 110 (3 hrs.): *Times to be arranged; Jackson, J.*

Sec. 111 (4 hrs.): *Times to be arranged; Jackson, J.*

Special course fees are \$3.00 per hour. Course offered for Satisfactory/Unsatisfactory only.

Supervised experience of teaching and/or administration under the direction of competent personnel or study of problems in post-secondary educational institutions or other appropriate agencies. Offered on S/U basis for Ed.S. degree students.

Leisure Studies

INTERNATIONAL STUDIES ABROAD

L S -4550-145 TRAVEL & TOURISM

4550. Travel and Tourism/(3 hrs.)

Start date: 5/15/89, **end date:** 6/2/89

Times to be arranged; Furr, L.

Library Science

5050. Computer Applications in Library and Information Science/(3 hrs.)

*First 4-Week Term, MTWRF, 8-10:00 am;
 Duncan 326; Hathaway, M.*

Survey use and assessment of available computerized systems in library networking, circulation, acquisitions, reference service, and serials control systems. DIALOG Information Services and OCLC subsystems are introduced. **Prerequisites:** LIB 5020, 5030.

5080. School Library-Media Centers/(3 hrs.)

*Second 3-Week Term, MTWRF, 8-10:30 am;
 Duncan 326; Busbin, M.*

A study of the school library media center, including its history and development, purposes, financial support, clientele, collection of materials, facilities and equipment, personnel and program of services and activities.

SPECIAL COURSE OFFERINGS

LIB -5160-101 CRIT EVAL MEDIA YOUTH

FOUR-WEEK TERM

LIB -5050-101 CMPTR APPL LIB/INF CTRS

SECOND THREE-WEEK TERM

LIB -5080-101 SCHL LIBR-MEDIA CENTERS

5160. Critical Evaluation of Media for Youth/(4 hrs.)

Start date: 6/12/89; **end date:** 7/28/89
 11:00 am-12:30 pm; Duncan 326; Hathaway, M.

This course presents theories of literature, the various formats of media, possible frameworks by which librarians evaluate, select, and utilize library materials with children and young adults. Included is the introduction to a variety of representative materials.

Management

SUMMER SEMESTER

MGT -3900-101 INTERNSHIP

FIRST FIVE-WEEK TERM

MGT -3010-101 SURVEY OF MANAGEMENT

MGT -3020-101 INTRO TO PERSONNEL ADMIN

MGT -3030-101 INTRO TO SMALL BUS MGT

MGT -3151-101 INTROD TO MANAGEMENT

MGT -3620-101 PERSONNEL ADMIN

MGT -3630-101 INTRO TO ORG BEHAVIOR

MGT -4700-101 ORGANIZATION THEORY

MGT -4750-101 BUSINESS POLICY

MGT -4750-102 BUSINESS POLICY

MGT -5030-101 ORGANIZATIONAL COMMUNIC

SECOND FIVE-WEEK TERM

MGT -3151-101 INTROD TO MANAGEMENT

MGT -4700-101 ORGANIZATION THEORY

MGT -4750-101 BUSINESS POLICY

MGT -4750-102 BUSINESS POLICY

MGT -5750-101 ORG STRATEGY & POLICY

MGT -5750-350 ORG STRATEGY & POLICY

3010. Survey of Management/(3 hrs.)

*First 5-Week Term, MTWRF, 8:30-10:00 am;
Walker 108; McIlwain, T.*

This course is not open to business majors for credit. An introduction to traditional and contemporary functions and concerns of management, including the history of management; planning, organizing, and controlling; decision-making fundamentals; information systems; motivation, communication, and leadership; international management; and social responsibilities of management.

3020. Introduction to Personnel Administration/(3 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Walker 209B; Sharma, V.*

This course is not open to business majors for credit. A study of basic personnel policies, practices, objectives, functions and the organization of personnel programs. Emphasis is placed on recruiting, selection, placement, training and development, employee evaluation, compensation, accident prevention, and union management relations in modern business corporations.

3030. Introduction to Small Business Management/(3 hrs.)

*First 5-Week Term, MTWRF, 12:20-1:50 pm;
Walker 204; Sineath, P.*

This course is not open to business majors for credit. A study of the unique problems involved in managing a small business in a modern complex economy. The course investigates the role of the small firm in a changing environment, the strengths and weaknesses of small business, and the procedures for starting a new business. Specific attention is given to the uniqueness of the small business in areas such as finance, risk and insurance, personnel, marketing, and government regulation.

3151. Introduction to Management/(3 hrs.)

*First 5-Week Term, MTWRF, 8:30-10:00 am;
Walker 202; Worrell, D.*

*Second 5-Week Term, MTWRF, 8:30-10:00 am;
Walker 108; Reeder, J.*

An introduction to traditional and contemporary functions and concerns of management, including the history of management; planning, organizing and controlling; deci-

sion making fundamentals; information systems motivation, communications, and leadership; international management; and social responsibilities of management. **Prerequisite:** Admission to the College of Business.

3620. Personnel Administration/(3 hrs.)

*First 5-Week Term, MTWRF, 8:30-10:00 am;
Walker 209B; Fox, J.*

A study of basic personnel policies, practices, objectives, functions and the organization of personnel programs. Emphasis is placed on recruiting, selection, placement, training and development, employee evaluation, compensation, accident prevention and union management relations in a modern business corporation. **Prerequisite:** MGT 3151.

3630. Introduction to Organizational Behavior/(3 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Walker 202; Worrell, D.*

A study of individual and small group behavior in a work setting with focus on how this knowledge is reflected in current management theories. Emphasis is placed on understanding why employees behave the way they do, and how to use this understanding to either maintain or change this behavior. **Prerequisite:** MM 3151. Management majors are encouraged to take this course before or concurrently with MM 3620.

3900. Internship in Management/(6 hrs.)

*Summer Semester, times to be arranged; Lyne, G.
Course offered for Satisfactory/Unsatisfactory only.*

A full-time work experience in business. Usually limited to College of Business majors. Nine semesters hours of credit are granted for a normal 15-week internship with six semesters hours granted for a 10-week internship which is usually in summer only. **Prerequisite:** Full admission to the College of Business, and permission of Department Chairperson and Internship Coordinator. Graded on an S/U basis.

4700. Organizational Theory/(3 hrs)

*First 5-Week Term, MTWRF, 12:20-1:50 pm;
Walker 108; Geyer, P.*

*Second 5-Week Term, MTWRF, 10:10-11:40 am;
Walker 108; Reeder, J.*

The development and maintenance of organizational effectiveness are studied in terms of environmental effects, systems aspects, communications, structure, and the dynamics of problem solving, goal setting, politics, conflict, and governance. Organizations are treated as behavioral units from the macro perspectives of general managers and organization planners. **Prerequisite:** MM 3151 or MGT 3010.

4750. Business Policy/(3 hrs)

First 5-Week Term:

Sec. 101: MTWRF, 8:30-10:00 am; Walker 204; Daggett

Sec. 102: MTWRF, 10:10-11:40 am; Walker 204; Sineath

Second 5-Week Term

Sec. 101: MTWRF, 8:30-10:00 am; Walker 204; Mahmoud

Sec. 102: MTWRF, 10:10-11:40 am; Walker 204; Mahmoud

Comprehensive analysis of administrative policy making from a total organization point of view; use of case analysis and simulation to develop integrative decision skills. **Prerequisites:** All College of Business core courses. (This course may not be taken on an individual study basis.)

5030. Organizational Communication/(3 hrs)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Walker 108; Geyer, P.*

This course is designed to explore theories and practical applications of the conduct and management of multi-level communications in organizational settings. The course provides an overview of skills, behaviors and applied communication theory, emphasizing experiential activities addressing communication as a necessary managerial skill. The course will relate theoretical concepts and empirical research to applied setting, using a combination of lectures, case analyses, readings, and exercises. The **prerequisite** for the course is graduate standing; this is a required course for all MBA students, regardless of prior training.

5750. Organizational Strategy and Policy/(3 hrs)**Second 5-Week Term**

Sec. 101: MTWRF, 12:20-1:50 am; Walker 204;
Peterson, A.

Sec. 350: MW, 6-9:45 pm; Peterson, A. **Off-campus program to be taught in Hickory.**

The study of current research findings, regarding the dynamics, principles, and practices involved in formulating business and other organizational policies and strategies, and the application of these concepts to

actual and simulated issues and problems.

Prerequisite: Admission to the MBA Program and completion of 27 hours of graduate coursework.

Marketing

FIRST FIVE WEEK TERM

MKT -3010-101 SURVEY OF MARKETING
MKT -3050-101 PRINCIPLES OF MARKETING
MKT -3220-101 SALES MANAGEMENT
MKT -4610-101 CONSUMER BEHAVIOR

SECOND FIVE WEEK TERM

MKT -3239-101 SURVEY OF ADVERTISING
MKT -3240-101 ADVERTISING MANAGEMENT
MKT -4230-101 DIST & TRANS MANAGEMENT
MKT -4609-101 SURVEY CONSUMER BEHAVIOR

Note: Student must be a junior to take 3000-level courses and a senior to take 4000-level courses. Other prerequisites enforced also.

3010. Survey of Marketing/(3 hrs.)

*First 5-Week Term, MTWRF, 8-9:30 am;
Walker 105; King, R. **For non-business majors only.***

This course is not open to business majors for credit. An introductory study of the marketing process in advanced market economies. Consideration of psychological theories and determinants of buyer behavior. A background in the elements of the marketing mix, the product distribution structure, the price system, and promotional activities. Survey of marketing in special fields. Planning and evaluating the marketing effort. **Prerequisite:** ECO 2030.

3050. Principles of Marketing/(3 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Walker 105; King, R. **Students must be admitted to the College of Business.***

An introductory study of the marketing process in advanced market economics. Consideration of psychological theories and determinants of buyer behavior. A background in the elements of the marketing

mix; the product distribution structure, the price system, and promotional activities. Survey of marketing in special fields. Planning and evaluating the marketing effort.

Prerequisite: Admission to the College of Business.

3220. Sales Management/(3 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Walker 208; Patton, W. **Students must be admitted to the College of Business.***

Management of sales force: Quantitative techniques and behavioral research applied to planning, organizing, directing, and controlling field sales effort. **Prerequisite:** MKT 3050.

3239. Survey of Advertising/(3 hrs.)

*Second 5-Week Term, MTWRF, 8-9:30 am;
Walker 104; Lineberger, M. **For non-business majors only.***

This course is not open to business majors for credit. Intensive investigation of the field of advertising, to include a review of

the history and economics of advertising, research, copy, layout, production, budgeting, organization. Theory and application are stressed. **Prerequisite:** MKT 3010.

3240. Advertising Management/(3 hrs.)

*Second 5-Week Term, MTWRF, 8-9:30 am;
Walker 208; Dotson, M. Students must be admitted to
the College of Business.*

Intensive investigation of the field of advertising, to include a review of the history and economics of advertising, research, copy, layout, production, budgeting, and advertising organization. Theory and application are stressed. **Prerequisite:** MKT 3050.

4230. Distribution and Transportation Management/(3 hrs.)

*Second 5-Week Term, MTWRF, 10:10-11:40 am;
Walker 208; Lineberger, M. Students must be admitted
to the College of Business.*

An analysis of the subsystems of physical distribution including transportation, warehousing, inventory control, material handling, industrial packaging, order processing and location analysis. **Prerequisite:** MKT 3050 and ECO 3100.

4609. Survey of Consumer Behavior/(3 hrs.)

*Second 5-Week Term, MTWRF, 10:10-11:40 am;
Walker 105; Dotson, M. For non-business
students only.*

This course is not open to business majors for credit. An examination of the psychological, sociological, and economic theories of buyer behavior. **Prerequisite:** MKT 3010.

4610. Consumer Behavior/(3 hrs.)

*First 5-Week Term, MTWRF, 12:20-1:50 pm;
Walker 208; Patton, M. Students must be admitted
to the College of Business.*

An examination of the psychological, sociological and economic theories of buyer behavior. This is followed by analysis of the major current and classical empirical research studies designed to test the different theories of buyer behavior. **Prerequisite:** MKT 3050 and ECO 3100 (or its approved alternative).

1989 Summer Sessions Calendar

Summer Semester

May 29 - August 11

1st 5-Week Term

May 29 - June 30

4-Week Term

June 12 - July 7

1st 3-Week Term

June 19 - July 7

1st 2 - Week Term

June 26 - July 7

2nd 5-Week Term

July 10 - August 11

2nd 3 - Week Term

July 10 - July 28

2nd 2 - Week Term

July 10 - July 21

Mathematics

FIRST FIVE WEEK TERM

MAT -0010-101 DEVELOPMENTAL MATH
 MAT -1020-101 ALGEBRA & TRIGONOMETRY
 MAT -1020-102 ALGEBRA & TRIGONOMETRY
 MAT -1020-103 ALGEBRA & TRIGONOMETRY
 MAT -1020-104 ALGEBRA & TRIGONOMETRY
 MAT -1025-101 ALGEBRA & ELEM FUNCTION
 MAT -1030-101 CALCUL WITH BUS APPLNS
 MAT -1030-102 CALCUL WITH BUS APPLNS
 MAT -1100-101 DISCRETE MATHEMATICS
 MAT -1110-101 CALCUL ANALY GEOM I
 MAT -1910-101 MATH SYST & APPLICATIONS
 MAT -2130-101 CALCUL ANALY GEOM III
 MAT -2240-101 INTROD TO LINEAR ALG
 MAT -3110-101 INTROD TO MOD ALG
 MAT -3130-101 INTROD DIFFER EQUATIONS
 MAT -3610-101 INTROD TO GEOMETRY

FOUR-WEEK TERM

MAT -3910-101 INTRO LOGIC STRUC MATH I
 MAT -4910-101 INFORMAL GEOMETRY
 MAT -5920-101 LINEAR ALG FOR TEACHERS

MAT -5970-101 NUMBER THEORY & CONCEPTS

FIRST TWO-WEEK TERM

MAT -5980-401 DATA ANALYSIS & SAMPLNG
 MAT -5980-402 PROBABILITY
 MAT -5980-403 CALCULUS

SECOND FIVE-WEEK TERM

MAT -0010-101 DEVELOPMENTAL MATH
 MAT -1020-101 ALGEBRA & TRIGONOMETRY
 MAT -1020-102 ALGEBRA & TRIGONOMETRY
 MAT -1020-103 ALGEBRA & TRIGONOMETRY
 MAT -1025-101 ALGEBRA & ELEM FUNCTION
 MAT -1030-101 CALCUL WITH BUS APPLNS
 MAT -1030-102 CALCUL WITH BUS APPLNS
 MAT -1120-101 CALCUL ANALY GEOM II
 MAT -3920-101 INTR LOGIC STRUC MATH II
 MAT -4610-101 FOUNDATIONS OF GEOMETRY
 MAT -5921-101 LINEAR ALG FOR TEACHERS

SECOND TWO-WEEK TERM

MAT -5980-401 DISCRETE MATHEMATICS

0010. Developmental Mathematics/ (1 hr.)

*First 5-Week Term, MTWRF, 8-10:30 am;
 Sanford 407; Johnson, V.*

*Second 5-Week Term, MTWRF, 8-10:30 am;
 Sanford 407; Kitchens, A.*

This course is intended for those persons with algebra deficiencies who are thus not prepared to enter MAT 1010 or MAT 1020. It is mandatory for students whose scores on the Mathematics Placement Test indicate deficiency. The course content is elementary algebra. Study skills are emphasized. Class meets five hours per week including laboratory and the format allows for self-pacing and individualization.

1020. Algebra and Trigonometry/(4 hrs.)

First 5-Week Term:

Sec. 101: MTWRF, 8-10:00 am; Sanford 407; Macey, W.

Sec. 102: MTWRF, 8-10:00 am; Sanford 307; Williams, J.

*Sec. 103: MTWRF, 10:10 am-12:10 pm;
 Sanford 207; Barber, D.*

*Sec. 104: MTWRF, 12:20-2:20 pm;
 Sanford 307; McKethan, F.*

Second 5-Week Term

Sec. 101: MTWRF, 8-10:00 am; Sanford 307; Williams, J.

*Sec. 102: MTWRF, 10:10 am-12:10 pm;
 Sanford 306; Smith, J*

*.Sec. 103: MTWRF, 12:20-2:20 pm;
 Sanford 407; Kitchens, A.*

An integrated study of algebra and trigonometry including such topics as the real and complex number systems, algebraic

relations and function, trigonometric functions, and elementary theory of equations. (For the student who wishes to strengthen his background in the computational aspects of the mathematics he began in high school.) Not open to students who have credit for MAT 1110. **Prerequisite:** MAT 0010 or placement.

1025. Algebra and Elementary Functions/(4 hrs.)

*First 5-Week Term, MTWRF, 8-10:00 am;
Sanford 306; Paul, H.*

*Second 5-Week Term, MTWRF, 8-10:00 am;
Sanford 306; Ensey, R.*

An overview of algebraic concepts and a thorough treatment of functions such as rational, logarithmic, exponential and trigonometric. Included will be a rigorous treatment of analytic geometry. Recommended for students with less than four units of high school mathematics who plan to take MAT 1110. Students cannot receive credit for both 1020 and 1025. **Prerequisite:** must pass placement test or MAT 0010.

1030. Calculus With Business Applications/(4 hrs.)

First 5-Week Term:

*Sec. 101: MTWRF, 10:10 am-12:10 pm;
Sanford 104; Kosmala, W.*

*Sec. 102: MTWRF, 12:20 -2:20 pm;
Sanford 208; Wallington, J.*

Second 5-Week Term

*Sec. 101: MTWRF, 10:10 am-12:10 pm;
Sanford 406; Krey, K.*

*Sec. 102: MTWRF, 12:20 -2:20 pm;
Sanford 406; Lane, E.*

An introduction to the concepts of differentiation and integration with particular emphasis upon their applications to solving problems that arise in business and economics. This is designed primarily for business and economics majors and is not open to mathematics majors or students with credit for MAT 1110. **Prerequisite:** MAT 1020 or MAT 1025 or equivalent.

1100. Discrete Mathematics/(3 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Sanford 306; Vitray, R.*

A study of discrete mathematics with special emphasis on topics applicable to computer science. Concepts covered in the course include number systems, models combinatorics, graphs, recursion, networks, and analysis of algorithms. **Prerequisite:** Must pass placement test of MAT 0010.

1110. Calculus With Analytic Geometry I/(4 hrs.)

*First 5-Week Term, MTWRF, 8-10:00 am;
Sanford 403; Graham, R.*

A study of limits, continuity, differentiation, applications of the derivative, the differential, and antiderivatives. **Prerequisite:** MAT 1020 or MAT 1025 or equivalent.

1120. Calculus With Analytic Geometry II/(4 hrs.)

*Second 5-Week Term, MTWRF, 10:10 am-12:10 pm;
Sanford 307; Ensey, R.*

A study of the definite integral, area, volume, arc length, logarithmic and exponential functions, hyperbolic functions, and methods of integration. **Prerequisite:** MAT 1110.

1910. Mathematical Systems and Applications/(2 hrs.)

*First 5-Week Term, MTWRF, 12:20-1:20 pm;
Sanford 407; Macey, W.*

Topics will include a development of the real number system. Euclidean geometry, number theory, mathematical systems, probability, and problem solving. **Prerequisite:** MAT 1020 or 1025.

2130. Calculus With Analytic Geometry III/(4 hrs.)

*First 5-Week Term, MTWRF, 10:10 am-12:10 pm;
Sanford 509; Curd, R.*

A study of polar coordinates, the conic sections, indeterminate forms, improper integrals, Taylor's formula, infinite series, partial derivatives and multiple integration. **Prerequisite:** MAT 1120.

2240. Introduction to Linear Algebra/ (3 hrs.)

*First 5-Week Term, MTWRF, 12:20-1:50 pm;
Sanford 405; Curd, R.*

A study of vectors, matrices and linear transformations, principally in two and three dimensions, including treatments of systems of linear equations and determinants. **Prerequisite:** MAT 1120 or permission of instructor.

3110. Introduction to Modern Algebra/ (3 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Sanford 307; Smith, J.*

Topics covered include sets, functions, equivalence relations, groups, rings, integral domains, fields and homomorphisms of these structures. **Prerequisite:** MAT 2240 or permission of the instructor.

3130. Introduction to Differential Equations/ (3 hrs.)

*First 5-Week Term, MTWRF, 12:20-1:50 pm;
Sanford 207; Kosmala, W.*

A study of methods of solution of differential equations including classical methods for ordinary differential equations, matrix methods, series, and Laplace transform techniques. Partial differential equations and Fourier series are briefly introduced. **Prerequisite:** MAT 2130, with MAT 2240 recommended.

3610. Introduction to Geometry/ (3 hrs.)

*First 5-Week Term, MTWRF, 8-9:30 am;
Sanford 208; McGalliard, W.*

A study of the development of Euclidean geometry including both the synthetic and the metric approach. Topics to be considered include parallelism and similarity, measurements, ruler and compass constructions, and consideration of at least one non-Euclidean geometry. **Prerequisite:** MAT 1120.

3910. Introduction to the Logic and Structure of Mathematics I/ (4 hrs.)

*4-Week Term, MTWRF, 12:20-3:00 pm;
Sanford 509; Long, B.*

To be included are topics from abstract algebra, geometry, number theory, mathematical logic, trigonometry and an intuitive approach to calculus. **Prerequisite:** MAT 1910 or permission of the instructor.

3920. Introduction to the Logic and Structure of Mathematics II/ (4 hrs.)

*Second 5-Week Term, MTWRF, 12:20-2:20 pm;
Sanford 405; Richardson, R.*

This course is an extension of 3910. **Prerequisite:** MAT 3910 or permission of instructor.

4610. Foundations of Geometry/ (2 hrs.)

*Second 5-Week Term, MTWRF, 10:10-11:10 am;
Sanford 509; Richardson, R.*

A treatment of projective geometry including both the synthetic and the analytic approach. Also to be considered is a study of the relation to Euclidean, affine and hyperbolic geometries to projective geometry. **Prerequisite:** MAT 2240 and 3610.

4910. Informal Geometry/ (3 hrs.)

*4-Week Term, MTWRF, 8-9:30 am;
Sanford 103; Long, B.*

An informal treatment of all aspects of geometry. The topics considered include congruence, measure of segments and angles, constructions, parallels and parallelograms, similarity, space geometry, areas and volumes, and measurements related to circles. **Prerequisite:** MAT 3910 or 3920 or permission of the instructor.

5920-5921. Linear Algebra for Teachers/ (2 hrs.)

*4-Week Term, MTWRF, 8-9:20 am;
Sanford 509; Early, T.*

*Second 5-Week Term, MTWRF, 8-9:00 am;
Sanford 509; Richardson, R.*

A study of elementary concepts of linear algebra extending to a rigorous level of algebraic proof. **Prerequisite:** Undergraduate major in mathematics.

5970. Number Theory Concepts/ (3 hrs.)

*4-Week Term, MTWRF, 10:10 am-12:10 pm;
Sanford 208; Graham, R.*

Designed primarily for secondary teachers, this course is a study of the traditional number theory concepts and theorems with special attention to those of significance to the high school curriculum. Emphasis will be on the historical as well as the theoretical development of the subject. **Prerequisite:** undergraduate major in mathematics; MAT 3250 or permission of instructor.

5980. Special Topics in Mathematics Education/ (1-3 hrs.)

A flexible program of reading, study, planning, and writing designed to meet the needs of individual teachers or groups of teachers in the field of secondary school mathematics. **Prerequisite:** Undergraduate major in mathematics and recommendation of graduate advisor. *May be taken up to a total of fifteen semester hours.

5980-401. Discrete Mathematics/ (2 hrs.)

*Second 2-Week Term, MTWRF, 9:00 am-2:30 pm;
Sanford 404; McEntire/McGall. This course is open to
National Science Foundation participants only..*

This course has in it a variety of ideas, some of which are different from the math topics of the past. These are topics which have recently been installed in college courses, but only because the incoming freshmen haven't covered them. It has been recognized that some of them should be moved to courses in high school or lower. The topics relate to understanding numbers, algebra, thinking, and logic in new and

fresh ways. It is hoped that any teacher enrolling in the course will get plenty of material to freshmen more time-honored subjects and perhaps wish to teach this new subject.

5980-402. Probability/ (2 hrs.)

*First 2-Week Term, MTWRF, 1-4:00 pm;
Sanford 404; Perry, L.*

The fundamental concepts of probability - relative frequency interpretation, random variables and their distributions, expected values, and variability - will be presented through the study of computer simulation models. The simulation modeling process will be emphasized as a problem solving approach.

5980-403. Calculus/ (2 hrs.)

*Second 2-Week Term, MTWRF, 10:00 am-3:30 pm;
Sanford 406; Paul/Early. This course is open to
National Science Foundation participants only.*

This course will investigate and discuss all the fundamental concepts of an introductory course in calculus, with two primary objectives in mind: (1) To develop a firm foundation for the teaching of a high school advanced placement calculus course, and (2) To develop an acute awareness of those pre-calculus concepts which are vital and assumed in routine exercises and problems solving.

5980-401. Data Analysis and Sampling/ (2 hrs.)

*First 2-Week Term, MTWRF, 9:00 am-12:00 noon;
Sanford 404; Kader, G.*

The basics of Exploratory Data Analysis including uses of box and whiskers, stem and leaf, and scatterplots. The emphasis is on the intuitive, exploratory approach to data analysis using graphical methods. The course will be presented through case studies of real data which are appropriate for classroom use. The concepts and applications of estimation using simple random sampling will be presented through the study of simulations.

Military Science

SUMMER SEMESTER

MS -2003-101 ROTC SUM CAMP BAS CRSE
MS -3003-101 ROTC SUM CAMP ADV CRSE

FIRST FIVE-WEEK TERM

MS -1001-101 MIL SCI I BASIC COURSE
MS -1002-101 MIL SCI I BASIC COURSE
MS -2001-101 MIL SCI II BASIC COURSE
MS -2002-101 MIL SCI II BASIC COURSE

SECOND FIVE-WEEK TERM

MS -1001-101 MIL SCI I BASIC COURSE
MS -1002-101 MIL SCI I BASIC COURSE
MS -2001-101 MIL SCI II BASIC COURSE
MS -2002-101 MIL SCI II BASIC COURSE

1001, 1002. Military Science I, Basic Course/ (1 hr.)

*First 5-Week Term, times to be arranged; Snead.
Permission of the instructor is required.*

*Second 5-Week Term, times to be arranged; Snead.
Permission of the instructor is required.*

Basic military subjects with emphasis on US Army and ROTC organization, objectives of the Army, leadership and management, individual weapons and marksmanship, principles of war, evolution of weapons and tactics, rules of warfare. Leadership Laboratory (2 hours) Consists of skill training and confidence building in subjects such as rappelling, stream crossing, assault boat training, aircraft orientation, military weapons firing, and night compass course, orienteering, and other selected subjects.

2001, 2002. Military Science II, Basic Course/ (2 hrs.)

*First 5-Week Term, times to be arranged; Snead.
Permission of the instructor is required.*

*Second 5-Week Term, times to be arranged; Snead.
Permission of the instructor is required.*

Use of maps and compass for land navigation and orienteering techniques. American military history with emphasis on modern strategy and world situation. **Prerequisites:** MS 1001-1002 or permission of department chairperson. Lecture two hours, laboratory two hours.

2003. ROTC Summer Camp, Basic Course/ (5 hrs.)

*Summer semester, times to be arranged; Ward, A.
Permission of the instructor is required.*

Taken summer following sophomore year. Training conducted at designated US Army installation. This training provides cadets with practical experience in leadership and management and the subjects covered in Military Science I and Military Science II with the exception of American Military History the following school year. **Prerequisite:** Completion of sophomore year of college.

3003. ROTC Summer Camp, Advanced Course/ (4 hrs.)

*Summer semester, times to be arranged; Holder, R.
Permission of the instructor is required.*

Usually taken summer following junior year. Training conducted at designated US Army installation. This training provides cadets with practical experience in leadership, military teaching, weapons, qualifications, and communications. To receive credit, a student must register and pay a fee at the University. **Prerequisite:** Successful completion of MS III.

Music

2011. Introduction to Music/(3 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Broyhill 129; Robertson, S.*

*Second 5-Week Term, MTWRF, 10:10-11:40 am;
Broyhill 129; White, E.*

A nontechnical course for students with little or no musical background. Emphasis is placed on the style and form of music as perceived by the listener. (Humanities) Lecture three hours.

2014. Jazz Music in American Society/(3 hrs.)

*First 5-Week Term, MTWRF, 8-9:30 am;
Broyhill 129; Gora, W.*

*Second 5-Week Term, MTWRF, 8-9:30 am;
Broyhill 129; Newton, W.*

Jazz may be the United States' only original contribution to music. Due to its comparatively recent emergence as a recognized art form, a great deal of confusion exists as to the meaning, origins, development, and the place of jazz relative to other areas of music. This course will define jazz as precisely as possible and show its evolution in the historical background of the United States. Lecture three hours.

2021. Music Methods for the Classroom Teacher/(3 hrs.)

*First 3-Week Term, MTWRF, 8-11:00 am;
Broyhill 225; McCloud, B.*

The music elements learned in Music 2020 will be used in studying materials and methods in the elementary classroom. A variety of musical activities will be presented which are suitable for all ages of elementary children. Prerequisite: MUS 2020. Lecture three hours.

SPECIAL COURSE OFFERINGS

MUS -3532-101 DULCIMER WORKSHOP XII
MUS -3533-101 SEM CHOR MU HS/COL LIT V
MUS -3534-101 SEM CHOR MU MID/JR HS V
MUS -3538-101 SILV BURD/GINN MU ED VII
MUS -3538-102 SILV BURD/GINN MU ED VII
MUS -5015-101 MUSIC OF THE BAROQUE
MUS -5532-101 DULCIMER WORKSHOP XII
MUS -5533-101 SEM CHOR MU HS/COL LIT V
MUS -5534-101 SEM CHOR MUS MID/JR HS V
MUS -5538-101 SILV BURD/GINN MU ED VII
MUS -5538-102 SILV BURD/GINN MU ED VII

FIRST FIVE-WEEK TERM

MUS -2011-101 INTRODUCTION TO MUSIC
MUS -2014-101 JAZZ MUS IN AMER SOC
MUS -3661-101 ELECTRONIC MUSIC

FOUR-WEEK TERM

MUS -5001-101 ANALYTICAL TECHNIQUE
MUS -5032-101 ORG & SUPV OF SCH MUS

FIRST THREE-WEEK TERM

MUS -2021-101 MUSIC METHODS CLRM TCHR

SECOND FIVE-WEEK TERM

MUS -2011-101 INTRODUCTION TO MUSIC
MUS -2014-101 JAZZ MUS IN AMER SOC

3532/5532. Selected Topics: Dulcimer Workshop XII/(1 hr.)

*Start date: 6/26/89, end date: 6/30/89. MTWRF,
8:00 am-1:00 pm; Broyhill 119; McCloud, B.*

The workshop is designed and organized for those who want to learn to play the fretted dulcimer. The students will spend more than twenty hours in classes especially planned to meet the needs of a variety of skills and background levels.

**3533-3534/5533-5534. Selected Topics:
Seminar in Choral Music (High
School/College Literature) V and
(Middle/Junior High School) V/
(1 hr.)**

*Start date: 6/11/89, end date: 6/16/89, MTWRF,
8:00 am-5:00 pm; Broyhill 119; McCloud, B.*

The purpose of this workshop is to foster and develop choral arts. Students from middle school, junior high school, high school and college and their choral directors are trained in correct vocal techniques, choral practices, materials and musicianship. The workshop also provides an inspirational choral-vocal-musical experience for all participants.

**3538/5538. Selected Topics: Silver
Burdett Music Education
Workshop/(2-3 hrs)**

*Secs. 101 (2 hrs.), Start date: 6/18/89, end date: 6/23/89,
MTWRF, 8:00 am-5:00 pm; Broyhill 119; McCloud, B.*

*Secs. 102 (3 hrs.), Start date: 6/18/89, end date: 6/23/89,
MTWRF, 8:00 am-5:00 pm; Broyhill 119; McCloud, B.*

All participants will attend classes in elementary methods and choral techniques and will select three of the remaining nine special areas according to personal interest and need. Four evening sessions and four concert hours are scheduled into the program. The faculty consist of nationally recognized professional music educators.

3661. Electronic Music/(3 hrs.)

*First 5-Week Term, MTWRF, 8-9:30 am;
Broyhill 460; Meister, S.*

A study of the principle concepts of sound generation and its reproduction utilizing a

synthesizer. Included will be mixing, splicing, and the general use of magnetic tape recorders. Also the concept of digital sound will be explored utilizing a micro computer and a keyboard interface. Lecture and lab three hours.

5001. Analytical Techniques/(3 hrs.)

*4-Week Term, MTWRF, 10:10 am-12:10 pm;
Broyhill 213; Graduate Staff.*

The development of techniques for analysis of music from the Baroque to Mozart through counterpoint, melodic structure, harmony and form. Lecture three hours.

5015. Music of the Baroque/(3 hrs.)

*Start date: 7/10/89, end date: 8/4/89. MTWRF,
10:10 am-12:10 pm; Broyhill 213; Erneston, N.*

Originating from a study of Renaissance, reformation and other influences which led to the rise of accompanied monody, separate instrumental practices and new secular and sacred forms, this course explores the experimental attitudes and techniques of the Baroque period. Three hours lecture.

**5032. Organization and Supervision of
School Music/(2 hrs.)**

*4-Week Term, MTWRF, 8-9:30 am;
Broyhill 213; Logan, J.*

The responsibilities of the music supervisor in relation to the classroom teacher, the music teacher and the school administration. (Same as SE 5032.) Lecture two hours.

Philosophy & Religion

1000. Introduction to Philosophy/ (3 hrs.)

*First 5-Week Term, MTWRF, 8-9:30 am;
Greer 219; Carrol, M.*

A general introduction to the basic patterns and methods of philosophy as presented through representative thinkers.

FIRST FIVE-WEEK TERM

P&R -1000-101 INTROD TO PHILOSOPHY

P&R -1100-101 LOGIC I

P&R -2010-101 OLD TESTAMENT LIT

SECOND FIVE-WEEK TERM

P&R -1020-101 RELIGIONS OF THE WORLD

P&R -1040-101 CRITICAL THINKING SKILLS

1020. Religions of the World/(3 hrs.)

*Second 5-Week Term, MTWRF, 10-11:30 am;
Greer 118; Park, O'h.*

An introduction to the major living religions of the world.

1989 Summer Sessions Calendar

Summer Semester May 29 -August 11

1st 5-Week Term
May 29 - June 30

4-Week Term
June 12 - July 7

1st 3-Week Term
June 19 - July 7

1st 2 - Week Term
June 26 - July 7

2nd 5-Week Term
July 10 - August 11

2nd 3 - Week Term
July 10 - July 28

2nd 2 - Week Term
July 10 - July 21

1040. Critical Thinking Skills/(3 hrs.)

*Second 5-Week Term, MTWRF, 10-11:30 am;
Greer 219; Ruble, R.*

An introduction to the art of critical thinking, including identifying problems, locating assumptions and analyzing their impact on the products of thought, assessing causal claims, learning problem solving strategies, and examining creativity.

1100. Logic I/(3 hrs.)

*First 5-Week Term, MTWRF, 10-11:30 am;
Greer 118; Rardin, P.*

An introduction to deductive and inductive reasoning, fallacy identification, and the careful use of language. A study of both traditional Aristotelian Logic and recent logic systems will be included.

2010. Old Testament Literature/(3 hrs.)

*First 5-Week Term, MTWRF, 8-9:30 am;
Greer 118; Hauser, A.*

An analysis of the Old Testament literature as the product of the life of the Hebrew people. Selected Old Testament documents will be studied in terms of their literary structure, historical context and religious perspective.

Physical Education

NEWPORT, RHODE ISLAND PROGRAM

P E -1530-101 FUNDAMENTALS OF SAILING

FIRST FIVE-WEEK TERM

P E -1013-101 JOGGING/CONDITIONING

P E -1014-101 WEIGHT TRAINING

P E -1027-101 BEGINNING TENNIS

P E -2010-101 PHYSIOL OF MUSCULAR ACT

P E -2010-201 LABORATORY

P E -3080-101 VOLLEYBALL

P E -3200-101 PREV CARE ATHL INJURIES

P E -3550-101 KINESIOLOGY

P E -3550-201 LABORATORY

FIRST FOUR-WEEK TERM

P E -2556-101 THE CHLD: IMPL E SCH PE

P E -3556-101 HOW CHLDN MOVE: IMPL EE

P E -4000-101 ADAPTED P E & RECREAT

P E -5000-101 BIBLIOGRAPHY & RESEARCH

P E -5660-101 PSYCHOLOGY MOTOR LRNG

SECOND FIVE-WEEK TERM

P E -1014-101 WEIGHT TRAINING

P E -1018-101 RACQUETBALL

P E -1027-101 BEGINNING TENNIS

P E -1050-101 BOWLING

P E -3072-101 TENNIS

P E -3087-101 SOFTBALL/BASEBALL

P E -3580-101 APPRENTICESHIP

1013. Jogging/Conditioning/(1 hr.)

First 5-Week Term, MWF, 10:10-11:45 am; Track; Staff.
Course offered for **Satisfactory/Unsatisfactory only**.

1014. Weight Training/(1 hr.)

First 5-Week Term, MWF, 8-9:35 am; Broome-Kirk 124;
Staff.

Second 5-Week Term, MWF, 12:20-1:50 pm;
Broome-Kirk 124; Staff.

Course offered for **Satisfactory/Unsatisfactory only**.

1018. Racquetball/(1 hr.)

Second 5-Week Term, MTWR, 10:10-11:30 am; Broome-Kirk 120; Kanoy, R. Course offered for **Satisfactory/Unsatisfactory only**.

1027. Beginning Tennis/(1 hr.)

First 5-Week Term, MWF, 12:20-1:50 pm;
Tennis Courts.

Second 5-Week Term, MWF, 8-9:35 am;
Tennis Courts; Staff.

Course offered for **Satisfactory/Unsatisfactory only**.

1050. Bowling/(1 hr.)

Second 5-Week Term, MWF, 10:10-11:45 am; Bowling Alley; Staff. **Special course fees are \$8.00 per hour.**
Course offered for **Satisfactory/Unsatisfactory only**.

1530. Fundamentals of Sailing/(1 hr.)

Start date: 5/28/89, **end date:** 7/1/89
Times to be arranged; Cardoza, P. **Closed registration for students in the Newport Summer Program only**

2010. Physiology of Muscular Activity/(3 hrs.)

First 5-Week Term, MWF, 8-10:00 am;
Broome-Kirk 313; Stone, M.

Lab (2010-201), TR, 8-10:00 am; Broome-Kirk 313;
Stone, M; Course offered for **no grade**.

A study on the physiological principles as applied to muscular activity and the effects of muscular activity on the human organism. Two hours lecture and two hours lab.
Prerequisite: PE 2000.

2556. The Child: Implications for Elementary Physical Education/(3 hrs.)

4-Week Term, MTWRF, 6:30-8:30 pm; Broome-Kirk 207;
Carlson, J.

A course focusing on children and how they learn in the context of movement experiences. Three hours lecture.

3072. Tennis (2 hrs.)

Second 5-Week Term, MTWRF, 12:20-1:55 pm; Tennis Courts; Burke, K.

Two hours lecture, one hour lab.

3080. Volleyball (2 hrs.)

First 5-Week Term, MTWRF, 8-9:45 am; Varsity Gym 100; Staff

Two hours lecture, one hour lab.

3087. Softball and Baseball (2 hrs.)

Second 5-Week Term, MTWRF, 10:10-11:45 am; location to be arranged; Morris, J.

Two hours lecture, one hour lab.

3200. Prevention and Care of Athletic Injuries/(3 hrs.)

First 5-Week Term, MTWRF, 11:00 am-12:30 pm; Broome-Kirk 313; Thomas, C.A.

A survey class open to all majors interested in athletic training. The course covers the prevention, recognition, care and treatment of common athletic injuries. Included are lectures on conditioning and injury prevention, warmup, epidemiology of athletic injuries, emergency situations, treatments, rehabilitation, liability and medical records. Students will be required to purchase minimal taping supplies. Two hours lecture and two hours lab. **Prerequisite:** PE 1600 or PE 2000. Recommended prerequisite for non-athletic training students PE 2010.

3550. Kinesiology/(3 hrs.)

First 5-Week Term, MTWRF, 12:30-2:20 pm; Varsity Gym 203; O'Bryant, H.

Lab (3550-201), TR, 12:30-2:20 pm; Varsity Gym 203; O'Bryant, H. Course offered for **no grade**.

A study of neuromuscular and mechanical principles of motion as related to the analysis of optimum motor skill performance. Two hours lecture and two hours laboratory. **Prerequisite:** PE 2000.

3556. How Children Move: Implications for Elementary Education/(3 hrs.)

4-Week Term, MTWRF, 6:30-8:30 pm; Broome-Kirk 207; Carlson, J.

An overview of movement experiences in games, gymnastics, and dance focusing on

the teaching of children K-8. Three hours lecture. (For non-PE majors.)

3580. Apprenticeship/(1 hr.)

Second 5-Week Term, MWF, times to be arranged; Morris, J. Course offered for Satisfactory/Unsatisfactory only.

A practical experience in the teaching of physical education activities under direct supervision. Required prior to students teaching. The apprenticeship should be done in an activity in which the student has had the corresponding course from the physical education majors activity cores or fundamental movements and sports and skills parts or skill and technique courses. **Prerequisite:** PE 3550. Two hours laboratory with periodic seminars. (S/U) May be repeated.

4000. Adapted Physical Education and Recreation/(4 hrs.)

4-Week Term, MTWRF, 9:00 am-1:00 pm; Broome-Kirk 207; Staff.

A survey of abnormalities and atypical cases; identification, with preventive, corrective and rehabilitative techniques and activities. Three hours lecture and three hours lab. **Prerequisites:** PE 2000, PE 2010, 2556, PE 3550, or by permission of instructor.

5000. Bibliography and Research/(3 hrs.)

4-Week Term, MTWRF, 10:00 am-12:00 pm; Broome-Kirk 211; Christian, V.

A study of bibliographical problems in the field, types of research, research tools, resources, organization and reporting, documentation of graduate writing and application to term projects.

5660. Psychology of Motor Learning/(2 hrs.)

4-Week Term, MTWRF, 9-9:50 am; Broome-Kirk 211; Burke, K.

Theory and problems concerned with learning concepts, practice, motivation, methodology, transfer and distribution as applied to motor performance. May be scheduled every other summer.

Physical Science

FIRST FIVE-WEEK TERM

PHS -1001-101 PHYSICAL SCIENCE

SECOND FIVE-WEEK TERM

PHS -1002-101 PHYSICAL SCIENCE

1001. Physical Science/(3 hrs.)

*First 5-Week Term, MTWRF, 8-9:50 am;
Rankin 364; Olander, C.R.*

A study of selected physical science topics to include systems of measurement, the solar system, motion, energy and energy transformations, fluids, the Kinetic Theory of matter, electricity and magnetism. This course is structured principally to meet the physical science requirements for primary and elementary education majors. Other non-science majors may elect this course to fulfill general education science requirements. Lecture two hours, lab two hours.

1002. Physical Science/(3 hrs.)

*First 5-Week Term, MTWRF, 8-9:50 am;
Rankin 364; Olander, C.R.*

A study of selected physical science topics to include waves and wave behavior, radioactivity and nuclear chemistry, atomic structure, the periodic law, chemical bonds and chemical reactions, earth materials, and changes in the earth's crust, the atmosphere and the hydrosphere. This course is structured principally to meet the physical science requirements for primary and elementary education majors. Other non-science majors may elect this course to fulfill general education science requirements. Lecture two hours, lab two hours.

Physics

1101. Concepts of Physics/(3 hrs.)

*First 5-Week Term, MWF, 10:10 am-12:10 pm;
Rankin 142; Kashkooli, H.*

**Lab (1101-201), TR, 10:10 am-12:10 pm; Rankin 141;
Kashkooli, H; Course offered for no grade.**

This course presents a broad view of physics and its interrelations with other subjects. Some ideas of mechanics, heat, light, sound, electricity, magnetism, and quantum physics are surveyed at an introductory level,

FIRST FIVE-WEEK TERM

PHY -1101-101 CONCEPTS OF PHYSICS

PHY -1101-201 LABORATORY

with energy as the connecting theme. A second semester of physics (1105 or 1106) covers certain aspects of these topics in more depth. Lecture two hours, laboratory two hours.

Political Science

1100. American National Government and Politics/(3 hrs.)

*First 5-Week Term, MTWRF, 12:20-1:50 pm;
Whitener 145; Moy, R.*

*Second 5-Week Term, MTWRF, 10:10-11:40 am;
Whitener 150; Fields, C.*

A study of the development and operation of the American National government, its powers, organization and policies.

2130. State and Local Government/(3 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Whitener 150; Morgan, P.*

An examination of the organization, problems and powers of state and local governments in the United States, focusing upon the responses of states, counties, and municipalities to needs caused by poverty, growth, and social change.

3530. American System of Justice/(3 hrs.)

Second 5-Week Term, times to be arranged; Fields, C.
This class will involve a trip to Washington, DC (July 1-7). An additional fee will be charged to include transportation and lodging.
Permission of the instructor required.

(See Criminal Justice.)

4400. International Terrorism/(3 hrs.)

*First 5-Week Term, MTWRF, 8-9:30 am;
Whitener 150; Barghothi, J.*

This course will examine the social, economic, and political causes and consequences of international terrorism. The impact of state sponsored and transnational group sponsored terrorist operations aimed at destabilizing democratic societies will be investigated. Terrorists operations and strategies and political system counter activities will be discussed. Also, the impact of terrorist operations on the political and legal system will be studied.

SUMMER SEMESTER

P S -5530-101 TOPICS IN PUBLIC ADMIN

FIRST FIVE-WEEK TERM

P S -1100-101 AMER NAT GOVT & POLIT

P S -2130-101 STATE & LOCAL GOVT

P S -4400-101 INTERNTNL TERROR & JUST

P S -4900-101 INTERN IN PUBLIC AFFAIRS

P S -5900-101 INTERN IN PUBLIC AFFAIRS

SECOND FIVE-WEEK TERM

P S -1100-101 AMER NAT GOVT & POLIT

P S -3530-101 AMER SYSTEM OF JUSTICE

P S -4900-101 INTERN IN PUBLIC AFFAIRS

P S -5030-101 SEM IN AM GOVT & POLIT

P S -5900-101 INTERN IN PUBLIC AFFAIRS

4900. Internship in Public Affairs/(3 hrs.)

First 5-Week Term, times to be arranged; Williamson, M.

*Second 5-Week Term, times to be arranged;
Williamson, M.*

Special course fees are \$3.00 per hour. Course offered for Satisfactory/Unsatisfactory only.

Field work in government, community, professional offices and agencies and involvement in problem solving in these offices and agencies. Graded on S/U basis.

5030. Seminar in American Government, Media and Politics/(3 hrs.)

*Second 5-Week Term, MTWRF, 10:10-11:40 am;
Whitener 145; German, D.*

Special investigation of selected topics in American government and politics. The topics may vary from year to year.

**5530. Topics in Public Administration/
(3 hrs.)**

Summer Semester, times to be arranged; Felts, A.

This course will examine current issues and topics in public management. These will include privatization/contracting for services, changing services demands with demographic shifts, and innovations in management techniques/styles and leadership. One or two class meetings will be devoted to each topic, and assignments will include reading, in-class presentation and a term paper.

**5900. Internship in Public Affairs/
(3 hrs.)**

First 5-Week Term, times to be arranged; Williamson, M.

*Second 5-Week Term, times to be arranged;
Williamson, M.*

**Special course fees are \$3.00 per hour. Course offered
for Satisfactory/Unsatisfactory only.**

Field work in government, community, professional offices and agencies and involvement in problem solving in these offices and agencies. Graded on S/U basis only.

Production Operations Management

FIRST FIVE-WEEK TERM

POM -3650-101 PROD & OPER MANAGEMENT

POM -4651-101 APPLIED OPERATIONS MGT

SECOND FIVE-WEEK TERM

POM -3650-101 PROD & OPER MANAGEMENT

POM -3650-102 PROD & OPER MANAGEMENT

**3650. Production and Operations
Management/ (3 hrs.)**

First 5-Week Term:

Sec. 101: MTWRF, 8-9:30 am; Walker 308; Staff

Second 5-Week Term

Sec. 101: MTWRF, 8-9:30 am; Walker 302; Crandall, R.

*Sec. 102: MTWRF, 10:10-11:40 am; Walker 302;
Crandall, R.*

An introduction to the basic functions and concepts involved in managing the production and operations function of an organi-

zation. Topics in operations system design, and analysis at the introductory level are included. **Prerequisite:** MAT 1030 and ECO 2100.

**4651. Applied Operations
Management/ (3 hrs.)**

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Walker 310; Staff*

A study and application of quantitative tools of analysis used in production and operations management. Specific topics include decision theory and mathematical modeling, linear programming, queuing theory, network models, inventory analysis and operations processes. Cases and projects are widely used. **Prerequisites:** DS 3650 and ECO 3100. 5010.

Psychology

SPECIAL COURSE OFFERINGS

PSY -4595-101 VOCATIONAL EVALUATION
PSY -4596-101 WORK ADJUSTMENT SERVICES

FIRST FIVE-WEEK TERM

PSY -2201-101 GENERAL PSYCHOLOGY
PSY -2201-102 GENERAL PSYCHOLOGY
PSY -3301-101 DEVELOPMENTAL PSY
PSY -3302-101 EDUCATIONAL PSYCHOLOGY
PSY -3390-101 INTROD PROCED HELP PROF
PSY -3640-101 APP RES METHODOLOGY
PSY -4671-101 ORGANIZATIONAL PSY
PSY -5560-101 CHILD PSYCHOLOGY
PSY -5593-101 BIOFEEDBACK

FOUR-WEEK TERM

PSY -5555-101 ADV EDUCATIONAL PSY
PSY -5565-101 ADOLESCENT PSYCHOLOGY

SECOND FIVE-WEEK TERM

PSY -2201-101 GENERAL PSYCHOLOGY
PSY -3301-101 DEVELOPMENTAL PSY
PSY -3302-101 EDUCATIONAL PSYCHOLOGY
PSY -4550-101 PSY OF PERSONALITY
PSY -4551-101 SOCIAL PSYCHOLOGY
PSY -4552-101 ABNORMAL PSYCHOLOGY
PSY -4700-101 APPLIED BEHAVIOR MNGT
PSY -5532-101 INTRO TRANSACT ANALYSIS

2201. General Psychology/(3 hrs.)

First 5-Week Term:

Sec. 101, MTWRF, 8-9:30 am;
Smith-Wright 309; Moss, W.

Sec. 102, MTWRF, 10-11:30 am;
Smith-Wright 200; Dowell, B.

Second 5-Week Term

Sec. 101, MTWRF, 8-9:30 am;
Smith-Wright 200; Wesley, G.

General Psychology introduces students to the study of human and animal behavior, providing a review and survey of basic principles and widely cited research. A first course in psychology sampling from the following areas of theoretical and applied psychology: experimental design and measurement; physiological aspects of behavior; learning and behavior modification; sensa-

tion and perception; personality; social psychology; clinical psychology and psychotherapy.

3301. Developmental Psychology/(3 hrs.)

First 5-Week Term, MTWRF, 10:10-11:40 am;
Smith-Wright 209; Crouch, J.

Second 5-Week Term, MTWRF, 8-9:30 am;
Smith-Wright 301; Trnavsky, P.

A study of the aspects of human growth and development from conception through maturity. Attention is devoted to these processes as they may pertain to the educational setting. Students accepted into a teacher education program (Junior level or above) may enroll without prerequisite.

3302. Educational Psychology/(3 hrs.)

First 5-Week Term, MTWRF, 8-9:30 am;
Smith-Wright 200; Dowell, B.

Second 5-Week Term, MTWRF, 10:10-11:40 am;
Smith-Wright 200; Wilson, F.

An analysis of the principles of classroom learning. The major concepts, theories, and research in the acquisition of knowledge and interpersonal social skills are emphasized. Special attention is given to the educational application of these principles. Students accepted into a teacher education program (Junior, level or above) may enroll without prerequisite.

3390. An Introduction to and Procedures in the Helping Professions/(3 hrs.)

First 5-Week Term, MTWRF, 10:10-11:40 am;
Smith-Wright 304; Clark, D.

Historical, philosophical, and legal aspects of the helping professions. Emphasis placed on understanding the various approaches to counseling. Contributions of paramedical and other areas are discussed.

3640. Applied Research Methodology/ (3 hrs.)

*First 5-Week Term, MTWRF, 8-9:30 am;
Smith-Wright 204; Pierce, L.*

A practical application of basic research concepts and skills useful in studies conducted in human services and other organizations. The course will provide familiarity with model studies, and practice in reading and evaluating research literature. **Prerequisite:** STT 3810 or equivalent.

4550. Psychology of Personality/ (3 hrs.)

*Second 5-Week Term, MTWRF, 8-9:30 am;
Smith-Wright 309; Wilson, F.*

A study of factors involved in the developmental and applied aspects of the broad area of personality theory.

4551. Social Psychology/ (3 hrs.)

*Second 5-Week Term, MTWRF, 10:10-11:40 am;
Smith-Wright 209; Beck, H.*

Social psychology surveys groups phenomena and the effects that group influence has on individual behavior. Key topics reviewed include social validation processes, conformity and obedience behavior, cognitive dissonance, prejudice and attitude change, group differences, and a critique of intelligence testing.

4552. Abnormal Psychology/ (3 hrs.)

*Second 5-Week Term, MTWRF, 10:10-11:40 am;
Smith-Wright 301; Wesley, G.*

The study of individuals and groups who demonstrate atypical behavior. This may include historical definitions of abnormality, standard psychiatric nosology and etiology, prevention and treatment of maladaptive behaviors. The concept of ultra-normal behavior may also be explored, theoretical basis for the course will reflect biases of the professor. (Same as CJ 4552)

4595. Vocational Evaluation/ (3 hrs.)

*Start date: 5/29/89, end date: 6/2/89
9:00 am-12:00 pm, 1-4:00 pm;
Smith-Wright 101; Sigmon, G.*

This course provides an introduction to the process, purpose, philosophy and practice

of vocational evaluation. Critical issues in the practice of vocational evaluation including qualifications, models of assessment, techniques of vocational evaluation as well as professional issues will be explored. course structure includes didactic instructions, small group work, demonstration, and hands-on practice with assessment tools. When offered for 3 hours credit, more emphasis will be placed on evaluative techniques. **Prerequisite:** Permission from the instructor.

4596. Work Adjustment Services/ (3 hrs.)

*Start date: 6/12/89; end date: 6/16/89
9:00 am-12:00 pm, 1-4:00 pm;
Smith-Wright 101; Sigmon, G.*

This course provides an introduction to the process of work adjustment as related to the vocational rehabilitation process. The emphasis is on focusing adjustment services to the final goal of job placement of people with disabilities. Course content includes structured adjustment planning, the techniques of work adjustment and professional considerations. Course structure includes instruction, small group work, demonstrations, and hands-on practice. When offered for 3 hours credit, more practice will be provided in adjustment planning and using techniques of work adjustment. **Prerequisite:** Permission from instructor.

4671. Organizational Psychology/ (3 hrs.)

*First 5-Week Term, MTWRF, 12:20-1:50 pm;
Smith-Wright 205; Powell, M.*

A survey of potential and actual applications of psychological principles and methods to the problems of business, industrial and other organizations. Emphasis on organizational communication, the dynamics of work groups and individual motivation.

4700. Applied Behavior Management/ (3 hrs.)

*Second 5-Week Term, MTWRF, 8-9:30 am;
Smith-Wright 204; Fox, P.*

The application of operant contingency management principles to personal, inter-

personal, and learning problems. (Same as CJ 4700).

5532. Introduction to Transactional Analysis/(3 hrs.)

*Second 5-Week Term, MTWRF, 8-9:30 am;
Smith-Wright 205; Levin, R.*

An exploration of transactional analysis as a theory of personality and as a method for conducting psychotherapy to include structural analysis, interactional analysis, and script analysis.

5555. Advanced Educational Psychology/(3 hrs.)

*First 4-Week Term, MTWRF, 8-9:30 am;
Smith-Wright 205; Deni, J.*

An exploration of how learning theory can be applied in the school environment by teachers, counselors, and administrators to enhance the learning experience.

5560. Child Psychology/(3 hrs.)

*First 5-Week Term, MTWRF, 8-9:30 am;
Smith-Wright 304; Crouch, J.*

The development of behavior of the child. Emphasis will be placed upon growth and maturation of structure, the acquisition of habits and emotions, development of capacity, formation of interests, mental hy-

giene, and physiological facets of behavior which have particular implication for teachers, counselors, and librarians.

5565. Adolescent Psychology/(3 hrs.)

*4-Week Term, MTWRF, 10:10-12:10 pm;
Smith-Wright 301; Long, J.*

A study of students of high school age in the light of modern investigations of the physical, intellectual, and emotional changes as well as the relation of physical development to mental growth, adolescent interests, personality and social consciousness, and the adaptation of programs of study and amusement.

5593. Biofeedback/(3 hrs.)

*First 5-Week Term, MTWRF, 8-9:30 am;
Smith-Wright 305; Knight, W.*

This course will review the historical background of biofeedback, stressing biofeedback as an aid in stress management, treatment for psychosomatic disorders and in muscle relaxation, and the physiological basis of self regulation. Students will become familiar with the application of the EMC,ST trainer and other biofeedback instrumentation through demonstration and practice. Ethical issues are explored.

Social Work

3615. Foundations of Social Work Practice/(4 hrs.)

*First 5-Week Term, MTWRF, 9-11:00 am;
Chapell Wilson 204; Gross, C.*

Lab (3615-201), MTWRF, 11:00 am-12:00 pm; Chappel Wilson 204; Gross, C. Course offered for no grade.

Generic social work knowledge and skills useful in the problem-solving process with individuals, families, groups, organizations, and communities: the generalist approach. Emphasis on the conscious use of self, and an under-generalist approach. Emphasis on the conscious use of self, and

SUMMER SEMESTER

S W -4260-101 FIELD INSTR SEMINAR I
S W -4263-101 FIELD INSTR SEMINAR II
S W -4400-101 SR SEM: ISS ETH FOR PRAC

FIRST FIVE-WEEK TERM

S W -3615-101 FNDS OF SOC WK PRACTICE
S W -3615-201 LABORATORY

an understanding of effective and ethical social work practice in a multi-cultural, multi-ethnic society. Two lectures, one labora-

tory session, minimum of 4 hours per week.
Prerequisite: Admission to the Practice Sequence.

4260. Field Instruction Seminar I/(1 hr.)

*Summer Semester, M, 12-1:30 pm;
 Chapell Wilson 004; Turner, J.*

This seminar will meet once each week to bring together students from different field placements. The students are encouraged to share a range of learning problems encountered in different work settings in order to integrate academic concepts and theory with the realities of social work practice experienced in the field setting. **Prerequisite or corequisite:** SW 4230.

4263. Field Instruction Seminar II/(1 hr.)

*Summer Semester, M, 1:30-3:00 pm;
 Chapell Wilson 004; Turner, J.*

Continued weekly seminar to bring together students from different field placements for discussion and integration of field learning. **Prerequisite or corequisite:** SW 4340.

4400. Senior Seminar: Issues and Ethics for Practice/(1 hr.)

*Summer Semester, M, 3-4:30 pm;
 Chapell Wilson 004; Turner, J.*

Discussions based on individual reading, research, and study of selected topics in social work, with focus on practice realities and professional issues. Helps student prepare to complete undergraduate professional and general educational experience and move into professional life. **Prerequisite:** SW 4260.

Sociology

FIRST FIVE-WEEK TERM

SOC -1000-101 INTROD TO SOCIOLOGY
 SOC -1110-101 MARRIAGE & FAMILY REL
 SOC -2000-101 SOC PROB IN AMER SOC
 SOC -3100-101 GERONTOLOGY
 SOC -3330-101 SOCIAL DEVIATION
 SOC -3400-101 CRIMINOLOGY

FOUR-WEEK TERM

SOC -4570-101 THE ADDICTIVE PROCESS

SECOND FIVE-WEEK TERM

SOC -3430-101 CORRECTIONS
 SOC -4560-101 RACE & MINOR RELATIONS

1000. Introduction to Sociology/(3 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
 Chapell Wilson 214; Sawyer, M.*

An introduction to the field of sociology and the sociological perspective. Gives students a basis for understanding how society operates. Topics include, groups, family,

bureaucracies, social class, power, deviance, minority relations, community and social change. Required for majors and minors.

1110. Marriage and Family Relations/(3 hrs.)

*First 5-Week Term, MTWRF, 12:20-1:50 pm;
 Chapell Wilson 205; Page, A.*

May not be counted toward a major or minor in sociology in the B.A. degree program. Analysis of the forms and functions of family relationships; sex roles, marital choice, procreation, and socialization; history of American family patterns and effects of contemporary social changes. This course is for freshmen and sophomores. Others must have permission of instructor.

2000. Social Problems in American Society/(3 hrs.)

*First 5-Week Term, MTWRF, 8-9:30 am;
Chapell Wilson 214; Hall, S.*

A survey course which examines the major social problems in America today, such as poverty, racism, sexism, aging, militarism and war, environmental abuse, crime, mental illness, drug abuse and alcoholism.

3100. Gerontology/(3 hrs.)

*First 5-Week Term, MTWRF, 10:10-11:40 am;
Chapell Wilson 217; Denton, A.*

This course will provide a broad overview of the physical, psychological, social, and cultural aspects of aging. Major concepts, issues, and current research on aging will be analyzed, and current and proposed federal, state, and local programs impinging on the aged will be examined.

3330. Social Deviation/(3 hrs.)

*First 5-Week Term, MTWRF, 12:20-1:50 pm;
Chapell Wilson 204; Wise, G.*

The course emphasizes the social factors in causation. Review is made of the leading theories in deviation and then deviation types are analyzed; homosexuality, drug use and addiction, alcoholism, alienation, etc.

3400. Criminology/(3 hrs.)

*First 5-Week Term, MTWRF, 8-9:30 am;
Chapell Wilson 205; Logan, K.*

Study of origins and purposes of criminal law; survey of the various theoretical approaches to the study of crime causation; examination of various categories of criminal behavior including violent crime, occupational crime, political crime, criminal sexuality; and an overview of the criminal justice system which seeks to deter, convict and punish offenders.

3430. Corrections/(3 hrs.)

*Second 5-Week Term, MTWRF, 10:10-11:40 am;
Chapell Wilson 205; Reinerth, J.G.*

A study of the history and development of the adult correctional system as part of the larger adult criminal justice system. Includes overview of the Criminal Justice system, a review and analysis of theories of punishment, a study of institutional treatment in a total institution and the roles of inmates and staff, and a study of alternatives to incarceration such as parole and probation. **Prerequisite:** SOC 3400 or 3435 or permission of instructor.

4560. Race and Minority Relations/(3 hrs.)

*Second 5-Week Term, MTWRF, 12:20-1:50 pm;
Chapell Wilson 214; Keeter, L.*

Examination of intergroup relations, including racial, ethnic, and women's issues; the bases of conflict, accommodation, and assimilation; the nature and consequences of prejudice and discrimination; evaluation of proposals for reduction or elimination of prejudice and discrimination.

4570. The Addictive Process/(3 hrs.)

*4-Week Term, MTWRF, 10:10 am-12:10 pm;
Chapell Wilson 210; Greene, J.*

An examination of sociological and psychological contributors to alcohol and drug addiction and abuse in our society. The addictive process and its impact on the individual and society are described, as well as treatment and preventive program efforts. Students will also examine their own feelings and attitudes about alcohol and drug use and abuse. **Prerequisite:** Sociology 1115 or permission of instructor.

Spanish

SPECIAL COURSE OFFERINGS

SNH -1010-101 BEGINNING SPANISH I
 SNH -1020-101 BEGINNING SPANISH II
 SNH -5051-101 MODERN SPANISH NOVELS
 SNH -5070-101 CULT TOP HIS IDEAS SPAIN

INTERNATIONAL STUDIES ABROAD

SNH -1040-145 INTERM GRAMMAR REVIEW
 SNH -1050-145 RDGS IN SNH: A CULT APPR
 SNH -3530-145 ART IN SPAIN
 SNH -3531-145 MODERN SPAIN

1010. Beginning Spanish I/(3 hrs.)

Start date: 5/29/89, end date: 6/14/89
 9-11:00 am, 12-2:00 pm;
 Sanford 507; Romero, H.

Understanding, speaking, reading and writing Spanish. Audiolingual and video techniques are combined with required recording-listening practice in the language laboratory. Language structure and the indicative verb forms. Open to those with no previous preparation in Spanish or those who make a low score on the Spanish placement test. Recitation three hours and required laboratory.

1020. Beginning Spanish II/(3 hrs.)

Start date: 6/15/89, end date: 6/30/89
 9-11:00 am, 12-2:00 pm;
 Sanford 507; Romero, H.

Development of the basic skills of reading, writing, listening and speaking. Audio-lingual and video techniques. Language structure and the subjunctive verb forms. Recitation three hours a week and required laboratory. **Prerequisite** SNH 1010 or consent of the advisor.

1040. Intermediate Grammar Review/(3 hrs.)

Start date: 5/31/89, end date: 6/30/89
 Times to be arranged; Diaz-Solis, R.

1050. Readings in Spanish: A Cultural Approach/(3 hrs.)

Start date: 5/31/89, end date: 6/30/89
 Times to be arranged; Diaz-Solis, R.

3530. Art in Spain/(3 hrs.)

Start date: 5/31/89, end date: 6/30/89
 Times to be arranged; Diaz-Solis, R.

Spanish Art through history. Emphasis on the socio-economic and ideology of art.

3531. Modern Spain/(3 hrs.)

Start date: 5/31/89, end date: 6/30/89
 Times to be arranged; Diaz-Solis, R.

A study of the ideas and events (socio-economic, political, artistic) which have determined the structure of present life in Spain.

5051. Modern Spanish Novels/(3 hrs.)

Start date: 6/26/89, end date: 7/21/89
 1-3:15 pm; Sanford 506; Staff

Spanish novelists from the generation of 1898 to the present. Alternate years with 5050.

5070. Current Cultural Topics and History of Ideas in Spain/(3 hrs.)

Start date: 6/26/89, end date: 7/21/89
 9:30-11:45 am; Sanford 506; Staff

A study of the evolution of the Spanish culture as perceived through the essays of A. Castro, Ganivet, Ortega y Gasset, Unamuno, and others. Emphasis will also be made on recent changes in Spanish society after Franco.

Statistics

3810. Statistical Methods I/(3 hrs)

First 5-Week Term:

*Sec. 101: MTWRF, 10:10-11:40 am;
Sanford 103; Dale, T.*

*Sec. 102: MTWRF, 12:20-1:50 pm;
Sanford 306; Vitray, R.*

Second 5-Week Term:

*Sec. 101: MTWRF, 8-9:30 am;
Sanford 306; Lane, E.*

*Sec. 102: MTWRF, 12:20-1:50 pm;
Sanford 306; Kitchens, L.*

A study of statistical methodology including organization and presentation of data, probability, statistical distributions, confidence intervals and hypothesis testing. Emphasis will be on computational procedures rather than theoretical development. **Prerequisite:** MAT 1020 or the equivalent.

FIRST FIVE-WEEK TERM

STT -3810-101 STATISTICAL METHODS I

STT -3810-102 STATISTICAL METHODS I

SECOND FIVE-WEEK TERM

STT -3810-101 STATISTICAL METHODS I

STT -3810-102 STATISTICAL METHODS I

STT -4850-101 PROBABIL & MATH STATCS

4850. Probability and Mathematical Statistics I/(3 hrs)

*Second 5-Week Term, MTWRF, 8-9:30 am;
Sanford 207; Kitchens, L.*

An introduction to axiomatic probability theory. Topics include a study of sample spaces, probability theory, random variables and their properties, and the fundamental limit theorems. **Prerequisite:** MAT 1120.

RESIDENCE LIFE

OFFICE OF RESIDENCE LIFE — APPALACHIAN STATE UNIVERSITY

ROOM APPLICATION/LICENSE AGREEMENT-SUMMER SCHOC

										NAME
Social Security Number										
HOME TELEPHONE										HOME ADDRESS
										(First) (Middle) (Last)
(Area Code)										(Street) (City) (State) (Zip Code)

PLEASE COMPLETE INFORMATION FOR THE APPROPRIATE TERM(S) IN SECTION A OR B. DISREGARD SECTION THAT IS NOT APPLICABLE.
INDICATE TERMS ATTENDING. LIST DATES.

CLASSIFICATION:

Section A. Complete it attending 10, 5 or 4 week term

Section B: Complete if attending Workshop(s)

() Graduate

() 10 week semester _____

Title of Workshop(s) _____ Course Number _____

() Graduate

() 4 week term _____

() Undergraduate

() 5 week term _____

Date of Workshop(s) _____, _____

Circle

1st session / 2nd session

Duration (Check) 1wk _____ 2wk _____ 3wk _____

SEX

TYPE OF ROOM DESIRED

ARE YOU

ROOMMATE PREFERENCE:

() Male

() Semi-private

() Smoker

() Female

() Private, if available

() Non-smoker

OFFICE USE ONLY.

ASSIGNMENT

Workshop Only Pay in full for Workshop housing charge _____

Return completed application

OFFICE OF RESIDENCE LIFE
A S U , BOONE, NC 28608

Please refer to additional information in bulletin

(Signature)

SUMMER APPLICATION - DATA SHEET

HAVE YOU EVER BEEN A STUDENT AT ASU ? YES ☐ NO ☐
IF NO, THIS APPLICATION MUST BE
ACCOMPANIED BY A \$15.00 FEE.

EXPECTED ENTRANCE TERM:

Year
☐

Term
☐

2-Summer 1st Session
3-Summer 2nd Session

APPLICATION TYPE (Check the appropriate category)

1. NEW APPLICANT - NON DEGREE

- ☐ A. Non degree-defined generally as a student who is taking coursework purely for his or her edification.
- ☐ B. Visiting-students taking coursework for the purpose of completing a degree program at another institution. (A student in this category must submit, with the application, a letter from his or her institution indicating academic standing and permission to take specified ASU course(s))
- ☐ C. Teacher Certification-students seeking initial or renewal certification in North Carolina at either the "A" or "G" level. (Students in this category must also contact: The Director of Laboratory Experiences, College of Education, Appalachian State University, Boone, NC 28608)
- ☐ A. Degree seeking students who have not graduated. (At the graduate or undergraduate level)
- ☐ B. Non-degree students who had previously applied in one of the categories listed above.

2. RETURNING ASU STUDENTS
(Students not enrolled during the preceding Spring Semester)

**** STUDENTS ENROLLED DURING THE PRECEDING SPRING SEMESTER WHO DID NOT END A DEGREE PROGRAM DO NOT NEED TO APPLY. ****
**** FOR SUMMER. THE REQUIRED REGISTRATION MATERIALS ARE PREPARED AUTOMATICALLY AND ARE AVAILABLE REGISTRATION DAY. ****

SOCIAL SECURITY NUMBER

--	--	--

STUDENT NAME

--	--	--

Last

First

Middle

STUDENT PERMANENT ADDRESS

--

Street or Route

--	--	--	--	--	--	--	--	--	--

City

State

Zip Code

() -

Phone

() -

Emergency Phone Number

NAME OF NEXT OF KIN (To whom information should be directed)

--

First

MI

Last

() -

RELATIONSHIP

Father	FA	Mother & Father	MF	
Mother	MO	Legal Guardian	GU	Next of Kin Phone
Spouse	SP	Grandparent	GR	
Aunt/Uncle	AU	Brother/Sister	BS	

Date of Birth

Mo	Day	Yr	Female	F	Male	M

SEX
☐

RACE/ETHNIC GROUP

White (Not of Hispanic Origin)	W
Black (Not of Hispanic Origin)	B
Hispanic	H
Asian or Pacific Islander	O
American Indian/Alaskan	I
Other	X

MARITAL STATUS

Single S

Married M

Other T

RELIGIOUS PREFERENCE ☐ (If you elect to register a religious preference, it will be provided to the appropriate campus minister)

Presbyterian	PR	Baptist	BP
Methodist	ME	Lutheran	LU
Episcopal	EP	Jewish	JE
Roman Catholic	RC		
If "Other" specify _____			

CITIZENSHIP

United States	US
Other Country	XX

STATE OF LEGAL RESIDENCE

(Enter your county code, out-of-state residents should enter appropriate state code)

VETERAN CODE

Non Veteran	NV
Veteran not eligible for benefits	VN
Veteran eligible for benefits	VE
Dependent of Deceased Veteran	DP
Vocational Rehabilitation	VR

AT WHAT LEVEL DO YOU EXPECT TO RECEIVE CREDIT?

Undergraduate ☐Graduate ☐

AT WHAT LEVEL ARE YOU PLANNING TO BE CERTIFIED?

"A" ☐"G" ☐Renewal ☐

IF YOU CLAIM TO BE A LEGAL RESIDENT OF THE STATE OF NORTH CAROLINA YOU MUST COMPLETE THE "NORTH CAROLINA RESIDENCE STATEMENT" ON THE REVERSE SIDE.

THE STATE OF NORTH CAROLINA, BY STATUTE, REQUIRES A RECORD OF IMMUNIZATION FOR EVERY STUDENT ENROLLED IN A NORTH CAROLINA COLLEGIATE INSTITUTION.

NEW STUDENTS: The appropriate medical form will be sent with the acceptance letter.

RETURNING STUDENTS: Please contact the University Student Health Center (704-262-3100) to determine if your record of immunizations is on file. If it is not, ask that the appropriate medical form be sent.

LIST PREVIOUS COLLEGES AND SCHOOLS YOU HAVE ATTENDED SINCE HIGH SCHOOL GRADUATION. (LIST MOST RECENT FIRST)

School Code (Office Use)	NAME OF SCHOOL	ADDRESS (City, State)	ENTRANCE DATE Mo./Yr.	INTENDED EXIT DATE Mo./Yr.	COURSE/ MAJOR	DEGREE EARNED	DATE DEGREE ERN Mo./Yr
☐							
☐							
☐							
☐							
☐							

I CERTIFY THAT THE INFORMATION SUBMITTED ON THIS APPLICATION IS COMPLETE AND CORRECT TO THE BEST OF MY KNOWLEDGE

Applicant's Signature

Date

NORTH CAROLINA RESIDENCE STATEMENT

North Carolina law (GS 116-143.1) states that in order to determine eligibility for the in-state tuition rate "Every application for admission shall be required to make a statement as to his length of residence in the State." The following information, in most cases, will allow for an accurate determination of residence status. If further information is required, you will be contacted.

Please answer the following as completely and precisely as possible.

NAME _____	Social Security No. _____	Date of Birth _____	Citizenship _____ United States Other country please specify
Address(es) at which you have maintained a permanent (legal) residence during the preceding 18 months (please show month, day & year):			
Street, Route, or P.O. Box _____	City _____	State _____	Zip _____
		From _____ To _____	Dates of Residence _____
Street, Route, or P.O. Box _____	City _____	State _____	Zip _____
		From _____ To _____	Dates of Residence _____

Please submit ALL information requested in any of the following applicable sections, or this form must be returned to you:

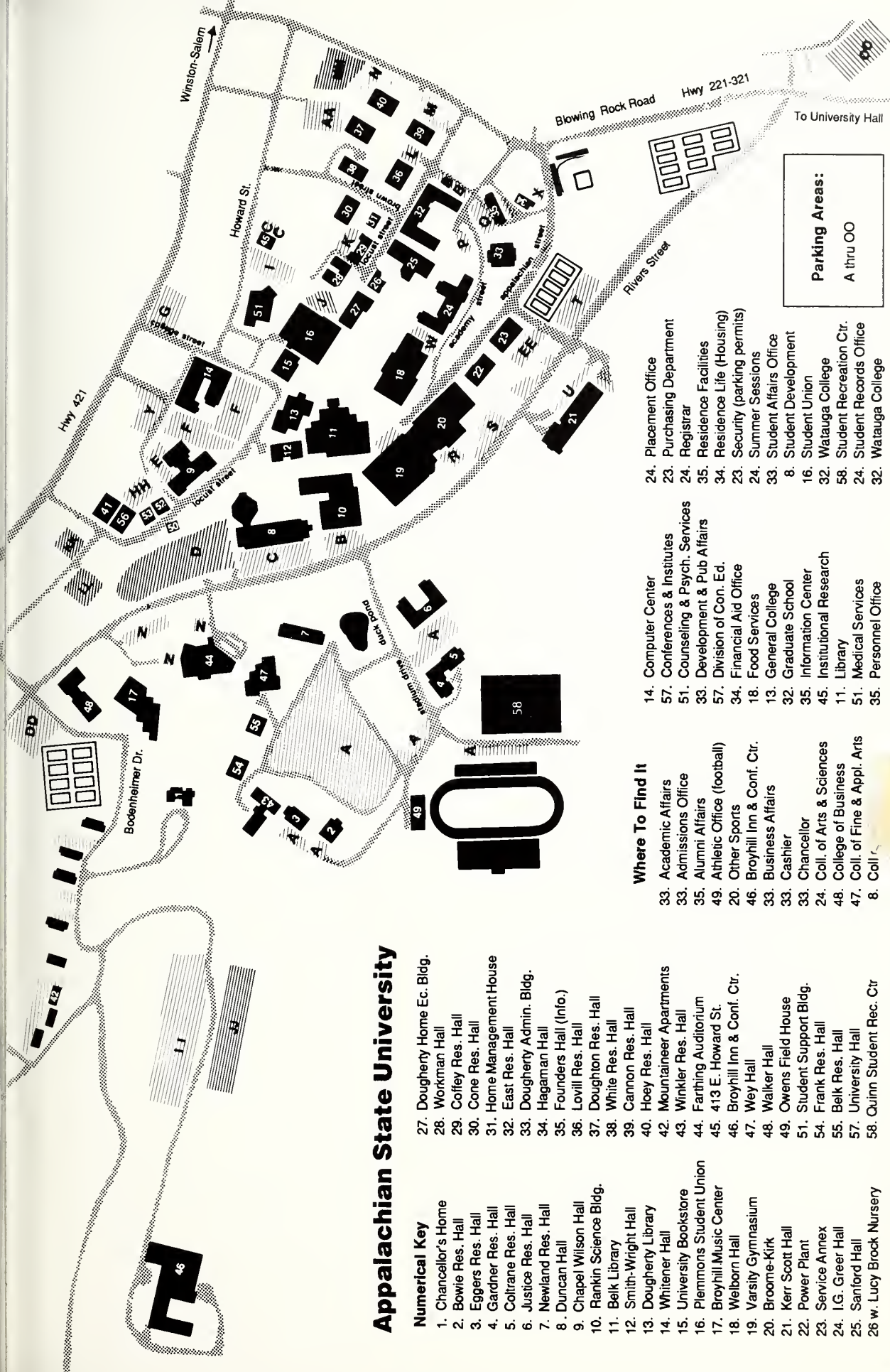
FATHER:	MOTHER:
Name _____	Name _____
State of Legal Residence _____	State of Legal Residence _____
Initial Date of Residence in Above State _____	Initial Date of Residence in Above State _____
Occupation _____	Occupation _____
Employer _____	Employer _____
LEGAL GUARDIAN: (If student has court appointed guardian other than father or mother)	SPOUSE: (If student is married)
Name _____	Name _____
State of Legal Residence _____	State of Legal Residence _____
Initial Date of Residence in Above State _____	Initial Date of Residence in Above State _____
Occupation _____	Occupation _____
Employer _____	Employer _____

STATE CODES			
AL Alabama	IA Iowa	NJ New Jersey	UT Utah
AK Alaska	KS Kansas	NM New Mexico	VT Vermont
AZ Arizona	KY Kentucky	NY New York	VA Virginia
AR Arkansas	LA Louisiana	North Carolina Students enter	
CA California	ME Maine	County Code - See Codes Below	
CO Colorado	MD Maryland	ND North Dakota	WV West Virginia
CT Connecticut	MA Massachusetts	OH Ohio	WI Wisconsin
DE Delaware	MI Michigan	OK Oklahoma	WY Wyoming
DC District of Columbia	MN Minnesota	OR Oregon	AS America Samoa
FL Florida	MS Mississippi	PA Pennsylvania	CZ Canal Zone
GA Georgia	MO Missouri	RI Rhode Island	GU Guam
HI Hawaii	MT Montana	SC South Carolina	PR Puerto Rico
ID Idaho	NE Nebraska	SD South Dakota	VI Virgin Islands
IL Illinois	NV Nevada	TN Tennessee	FC Foreign Countries
IN Indiana	NH New Hampshire	TX Texas	

NORTH CAROLINA COUNTY CODES			
001 Alamance	026 Cumberland	051 Johnston	076 Randolph
002 Alexander	027 Currituck	052 Jones	077 Richmond
003 Alleghany	028 Dare	053 Lee	078 Robeson
004 Anson	029 Davidson	054 Lenoir	079 Rockingham
005 Ashe	030 Davie	055 Lincoln	080 Rowan
006 Avery	031 Duplin	056 Macon	081 Rutherford
007 Beaufort	032 Durham	057 Madison	082 Sampson
008 Bertie	033 Edgecombe	058 Martin	083 Scotland
009 Bladen	034 Forsyth	059 McDowell	084 Stanly
010 Brunswick	035 Franklin	060 Mecklenburg	085 Stokes
011 Buncombe	036 Gaston	061 Mitchell	086 Surry
012 Burke	037 Gates	062 Montgomery	087 Swain
013 Cabarrus	038 Graham	063 Moore	088 Transylvania
014 Caldwell	039 Granville	064 Nash	089 Tyrell
015 Camden	040 Greene	065 New Hanover	090 Union
016 Carteret	041 Guilford	066 Northampton	091 Vance
017 Caswell	042 Halifax	067 Onslow	092 Wake
018 Catawba	043 Harnett	068 Orange	093 Warren
019 Chatham	044 Haywood	069 Pamlico	094 Washington
020 Cherokee	045 Henderson	070 Pasquotank	095 Watauga
021 Chowan	046 Hertford	071 Pender	096 Wayne
022 Clay	047 Hoke	072 Perquimans	097 Wilkes
023 Cleveland	048 Hyde	073 Person	098 Wilson
024 Columbus	049 Iredell	074 Pitt	099 Yadkin
025 Craven	050 Jackson	075 Polk	100 Yancey

OFFICE USE ONLY

CLASS	COLLEGE	DEGREE	MAJOR	CONCENTRATION
REGISTRATION TYPE	CON (Continuing) REA (Readmit) ND (Non-Degree)	RESIDENCY	RM (In-state resident) RM (Out-of-state)	(Initial if change)
INITIALS _____	TERM _____	DATE _____		



Appalachian State University

Numerical Key

1. Chancellor's Home
2. Bowie Res. Hall
3. Eggers Res. Hall
4. Gardner Res. Hall
5. Coltrane Res. Hall
6. Justice Res. Hall
7. Newland Res. Hall
8. Duncan Hall
9. Chapel Wilson Hall
10. Rankin Science Bldg.
11. Belk Library
12. Smith-Wright Hall
13. Dougherty Library
14. Whitener Hall
15. University Bookstore
16. Plemmons Student Union
17. Broyhill Music Center
18. Welborn Hall
19. Varsity Gymnasium
20. Broome-Kirk
21. Kerr Scott Hall
22. Power Plant
23. Service Annex
24. I.G. Greer Hall
25. Sanford Hall
- 26 w. Lucy Brock Nursery
27. Dougherty Home Ec. Bldg.
28. Workman Hall
29. Coffey Res. Hall
30. Cone Res. Hall
31. Home Management House
32. East Res. Hall
33. Dougherty Admin. Bldg.
34. Hageman Hall
35. Founders Hall (Info.)
36. Lovill Res. Hall
37. Doughton Res. Hall
38. White Res. Hall
39. Cannon Res. Hall
40. Hoey Res. Hall
42. Mountaineer Apartments
43. Winkler Res. Hall
44. Farthing Auditorium
45. 413 E. Howard St.
46. Broyhill Inn & Conf. Ctr.
47. Wey Hall
48. Walker Hall
49. Owens Field House
51. Student Support Bldg.
55. Frank Res. Hall
57. University Hall
58. Quinn Student Rec. Ctr

Where To Find It

33. Academic Affairs
33. Admissions Office
35. Alumni Affairs
49. Athletic Office (football)
20. Other Sports
46. Broyhill Inn & Conf. Ctr.
33. Business Affairs
33. Cashier
33. Chancellor
24. Coll. of Arts & Sciences
48. College of Business
47. Coll. of Fine & Appl. Arts
8. Coll.

14. Computer Center
57. Conferences & Institutes
51. Counseling & Psych. Services
33. Development & Pub Affairs
57. Division of Con. Ed.
34. Financial Aid Office
18. Food Services
13. General College
32. Graduate School
35. Information Center
45. Institutional Research
11. Library
51. Medical Services
35. Personnel Office
24. Placement Office
23. Purchasing Department
24. Registrar
35. Residence Facilities
34. Residence Life (Housing)
23. Security (parking permits)
24. Summer Sessions
33. Student Affairs Office
8. Student Development
16. Student Union
32. Watauga College
58. Student Records Ctr.
24. Student Records Office
32. Watauga College

Office of Summer Sessions
I.G. Greer Hall
Appalachian State University
Boone, NC 28608

Walker, Gail G
Rt 2 Box 95a
Boone NC 28607

U.S. Postage
Permit No. 36
PAID
Non-Profit Org.
Boone, N.C.